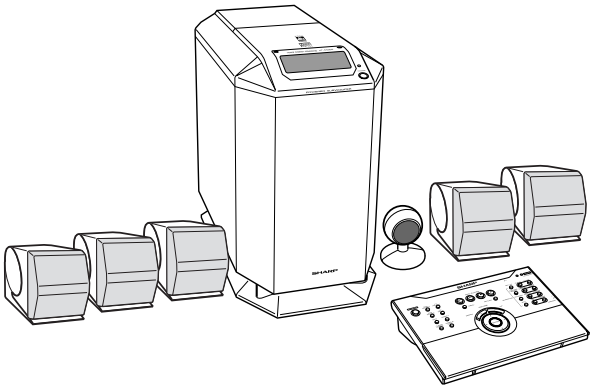
SHARP SERVICE MANUAL

No. S7250HTCN300/

HOME CINEMA COMMAND



MODEL HT-CN300(S)

HT-CN300 Home Cinema Command consisting of HT-CN300 (main unit), CP-CN300F (front speakers), CP-CN300C (center speaker) and CP-CN300R (surround speakers).

HOME CINEMA COMMAND

MODEL HT-CN300(BK)

HT-CN300 Home Cinema Command consisting of HT-CN300 (main unit), CP-CN300F (front speakers), CP-CN300C (center speaker) and CP-CN300R (surround speakers).

DIGITAL dts SURROUND

DOLBY DIGITAL

- In the interests of user-safety the set should be restored to its original condition and only parts identical to those specified be used.

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SHARP CORPORATION

This document has been published to be used for after sales service only.
The contents are subject to change without notice.

IMPORTANT SERVICE NOTES (FOR U.S.A. ONLY)

BEFORE RETURNING THE AUDIO PRODUCT

(Fire & Shock Hazard)

Before returning the audio product to the user, perform the following safety checks.

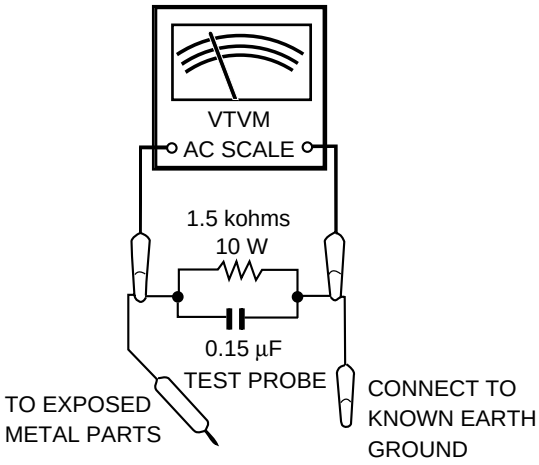
1. Inspect all lead dress to make certain that leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the audio product.
2. Inspect all protective devices such as insulating materials, cabinet, terminal board, adjustment and compartment covers or shields, mechanical insulators etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.

* Plug the AC line cord directly into a 120 volt AC outlet.

* Using two clip leads, connect a 1.5 kohm, 10 watt resistor paralleled by a 0.15 μF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as conduit or electrical ground connected to earth ground.

* Use a VTVM or VOM with 1000 ohm per volt, or higher, sensitivity to measure the AC voltage drop across the resistor (See diagram).

* Connect the resistor connection to all exposed metal parts having a return path to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.



All check must be repeated with the AC line cord plug connection reversed.

Any reading of 0.3 volt RMS (this corresponds to 0.2 milliamp. AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the audio product to the owner.

FOR A COMPLETE DESCRIPTION OF THE OPERATION OF THIS UNIT, PLEASE REFER TO THE OPERATION MANUAL.

SPECIFICATIONS

HT-CN300 (Except for Canada)

General

Power source	AC 120 V, 60 Hz
Power consumption	195 W
Dimensions	Width: 9-1/8" (230 mm) Height: 14-7/8" (377 mm) Depth: 15-3/4" (400 mm)
Weight	24.3 lbs. (11.0 kg)
Terminals	Front speakers, Center speaker and Surround speakers: 6 ohms Monitor output: S-video/video Video output (Video 1): RCA type Audio output (Video 1): RCA type (L/R) Video input (Video 1): RCA type Audio input (Video 1): RCA type (L/R) Audio input (Auxiliary): RCA type (L/R) Video input (Video 2): RCA type S-video input (DVD): S-terminal Video input (DVD): RCA type Audio input (Video 2): RCA type (L/R) Digital input (DVD): Optical Digital input (DVD): Coaxial

Amplifier

Power output (FTC)	30 watts minimum RMS per channel into 6 ohms from 200 Hz to 20 kHz, 10 % total harmonic distortion
Rated power output	Front: 30 W + 30 W (10% T.H.D, 1 kHz) Center: 30 W (10% T.H.D, 1 kHz) Surround: 30 W + 30 W (10% T.H.D, 1 kHz) Subwoofer: 30 W (10% T.H.D, 100 Hz)

Tuner

Frequency range	FM: 87.5 - 108 MHz AM: 530 - 1,720 kHz

CP-CN300F/CP-CN300C/CP-CN300R (Except for Canada)

Type	Full Range Speaker System (Magnetic shield) 3-1/8" (80 mm) speaker
Maximum input power	60 W
Rated input power	30 W
Impedance	6 ohms
Dimensions	Width: 4-1/8" (104 mm) Height: 4-3/8" (110 mm) Depth: 4-7/8" (123 mm)
Weight	1.8 lbs. (0.8 kg)/each

Subwoofer (Except for Canada)

Type	Subwoofer System (Magnetic shield) 6-1/4" (160 mm) Woofer
Maximum input power	60 W
Rated input power	30 W
Impedance	6 ohms

HT-CN300 (For Canada)

General

Power source	AC 120 V, 60 Hz
Power consumption	195 W
Dimensions	Width: 230 mm (9-1/8") Height: 377 mm (14-7/8") Depth: 400 mm (15-3/4")
Weight	11.0 kg (24.3 lbs.)
Terminals	Front speakers, Centre speaker and Surround speakers: 6 ohms Monitor output: S-video/video Video output (Video 1): RCA type Audio output (Video 1): RCA type (L/R) Video input (Video 1): RCA type Audio input (Video 1): RCA type (L/R) Audio input (Auxiliary): RCA type (L/R) Video input (Video 2): RCA type S-video input (DVD): S-terminal Video input (DVD): RCA type Audio input (Video 2): RCA type (L/R) Digital input (DVD): Optical Digital input (DVD): Coaxial

Amplifier

Rated power output	Front speakers: RMS: 60 W (30 W + 30 W) (10 % T.H.D., 1 kHz) Centre speaker: RMS: 30 W (10 % T.H.D., 1 kHz) Surround speakers: RMS: 60 W (30 W + 30 W) (10 % T.H.D., 1 kHz) Subwoofer: RMS: 30 W (10 % T.H.D., 100 Hz)

Tuner

Frequency range	FM: 87.5 - 108 MHz AM: 530 - 1,720 kHz

CP-CN300F/CP-CN300C/CP-CN300R (For Canada)

Type	Full Range Speaker System (Magnetic shield) 80 mm (3-1/8") Speaker
Maximum input power	60 W
Rated input power	30 W
Impedance	6 ohms
Dimensions	Width: 104 mm (4-1/8") Height: 110 mm (4-3/8") Depth: 123 mm (4-7/8")
Weight	0.8 kg (1.8 lbs.)/each

Subwoofer (For Canada)

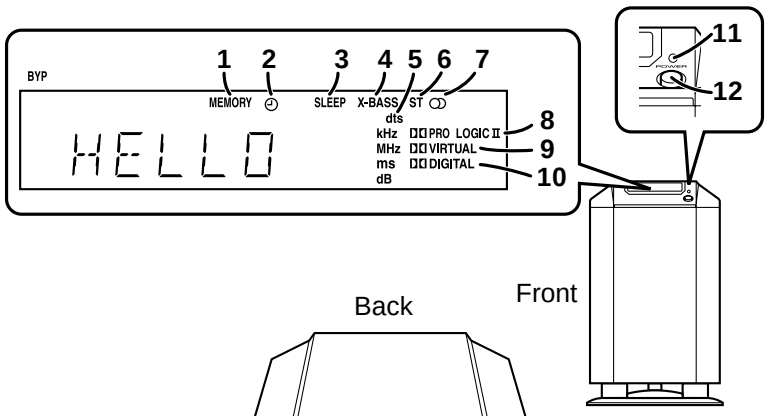
Type	Subwoofer System (Magnetic shield) 160 mm (6-1/4") Woofer
Maximum input power	60 W
Rated input power	30 W
Impedance	6 ohms

Specifications for this model are subject to change without prior notice.

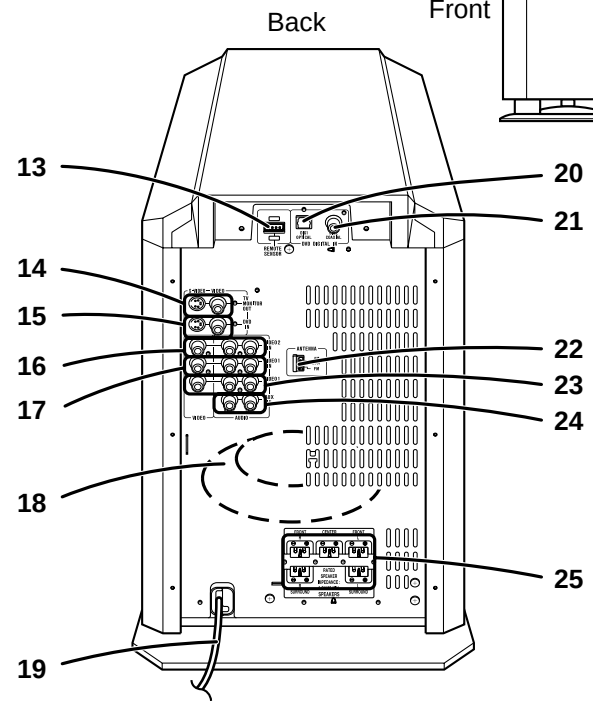
NAMES OF PARTS

HT-CN300

■ Main unit (with subwoofer)

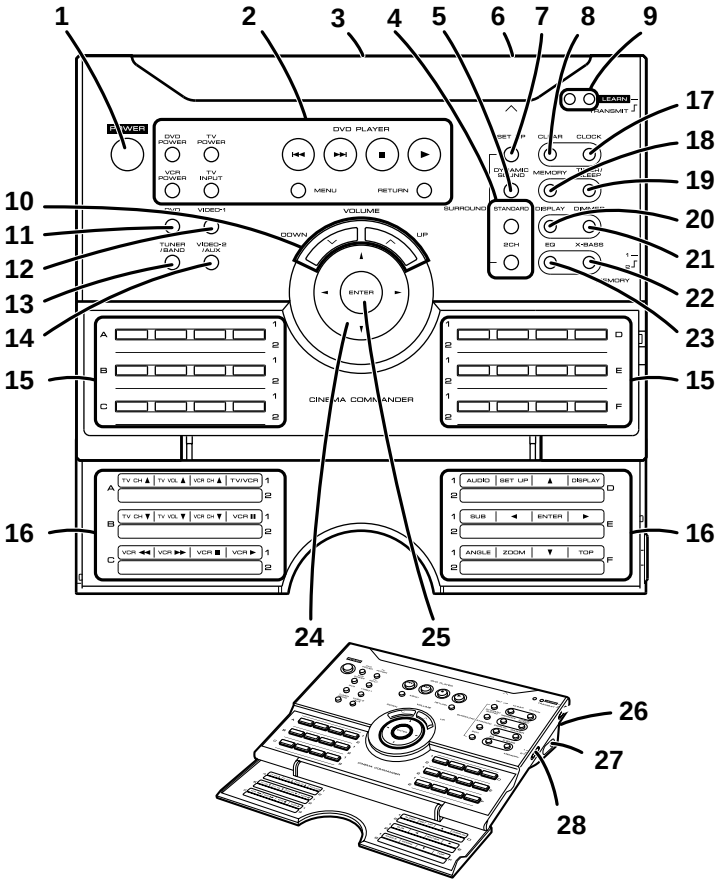


1. Memory Indicator
2. Timer Play Indicator
3. Sleep Indicator
4. Extra Bass Indicator
5. Digital Theater System Indicator
6. FM Stereo Mode Indicator
7. FM Stereo Receiving Indicator
8. Dolby Pro Logic II Indicator
9. Dolby Virtual Indicator
10. Dolby Digital Indicator
11. Power Indicator
12. Power Button



13. Remote Control Sensor Jack
14. TV Monitor Output Jacks
15. DVD Video Input Jacks
16. Video and Audio Input Jacks (VIDEO 2)
17. Video and Audio Input Jacks (VIDEO 1)
18. Subwoofer
19. AC Power Cord
20. DVD Optical Digital Audio Input Jack
21. DVD Coaxial Digital Audio Input Jack
22. FM/AM Loop Antenna Jack
23. Video and Audio Output Jacks (VIDEO 1)
24. Auxiliary Audio Input Jacks
25. Speaker Terminals

■ Remote control

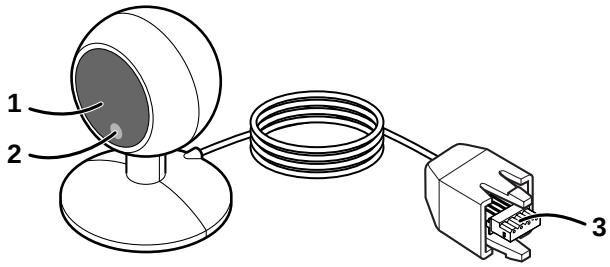


1. Power Button
2. Operation Buttons for Other Equipment
3. Remote Control Transmitter
4. Sound Mode Select Buttons
5. Dynamic Sound Select Button
6. Remote Control Sensor for Learn Function
7. Speaker Set Up Button
8. Clear Button
9. Learn Indicators
10. Volume Up and Down Buttons
11. DVD Button
12. Video-1 Button
13. Tuner/Band Button
14. Video-2/Auxiliary Button
15. Memory 1/2 Buttons for Other Equipment
16. Label Sealing Area
17. Clock Button
18. Memory Button
19. Timer/Sleep Button
20. Display Button
21. Dimmer Button
22. Extra Bass/Demo Mode Button
23. Equalizer Mode Selector Button
24. Cursor Button
25. Enter Button
26. Learn/Transmit Selector Switch
27. 3.6 V DC Input Jack
28. Memory 1/2 Selector Switch

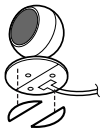
HT-CN300

■ Remote control sensor

1. Remote Sensor
2. Remote Control Indicator
3. Remote Sensor Connection Plug



Double-sided tape for remote control sensor:
You can fix the remote control sensor with the supplied tape.



Caution:
- Carefully choose where you place the remote control sensor as the tape adhesive may damage or peel the surface coating when the tape is removed.
- Never locate the remote control sensor in an unstable place. Otherwise it may fall.

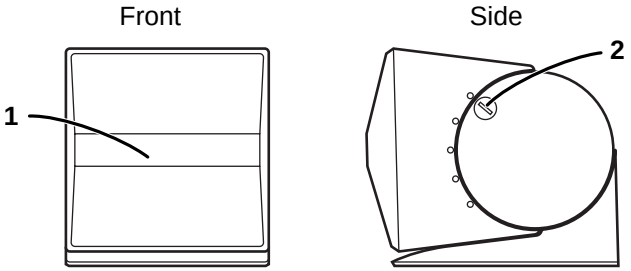
Note:
Fix the remote control sensor on a flat surface.

CP-CN300F/CP-CN300C/CP-CN300R

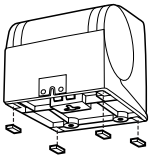
1. Full-Range Speaker
2. Angle Adjusting Lever
3. Label indication

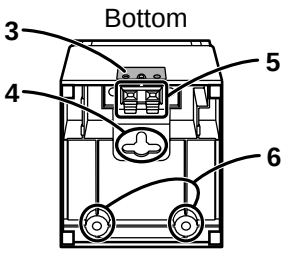
Front Speaker (right): Red
Front Speaker (left): White
Center Speaker: Green
Surround Speaker (right): Gray
Surround Speaker (left): Blue

4. Mounting Slot
5. Speaker Terminals
6. Mounting Screw Holes



Speaker cushion:
Attach the cushions to the bottom of the speakers to prevent them from sliding.





DISASSEMBLY

Caution on Disassembly
Follow the below-mentioned notes when disassembling the unit and reassembling it, to keep it safe and ensure excellent performance:
1. Be sure to remove the power supply plug from the wall outlet before starting to disassemble the unit.
2. Take off nylon bands or wire holders where they need to be removed when disassembling the unit. After servicing the unit, be sure to rearrange the leads where they were before disassembling.
3. Take sufficient care on static electricity of integrated circuits and other circuits when servicing.

HT-CN300

STEP	REMOVAL	PROCEDURE	FIGURE
1	Top Cover B	1. Screw ..... (A1) x2	6-1
2	LCD Cover	1. Hexagon Screw ..... (B1) x2	6-1
3	Top Cover A/ LCD PWB	1. Screw ..... (C1) x4 2. Flat Cable ..... (C2) x3 3. Screw ..... (C3) x4	6-2
4	Back Cover L/R/ Rear Panel	1. Screw ..... (D1) x25	6-1, 7-1
5	DSP PWB	1. Screw ..... (E1) x2 2. Socket ..... (E2) x1 3. Flat Cable ..... (E3) x4 4. PWB Holder ..... (E4) x2	7-2
6	Subwoofer Stand/ PWB Unit	1. Screw ..... (F1) x4 2. Screw ..... (F2) x2 3. Socket ..... (F3) x1	7-2
7	Video PWB	1. Screw ..... (G1) x3 2. Socket ..... (G2) x2	7-3
8	Audio PWB	1. Screw..... (H1) x2	7-3
9	AMP. PWB	1. Screw ..... (J1) x6 2. Socket ..... (J2) x4	7-3
10	Speaker PWB	1. Screw ..... (K1) x1	7-3
11	Subwoofer	1. Screw ..... (L1) x4	7-2

HT-CN300

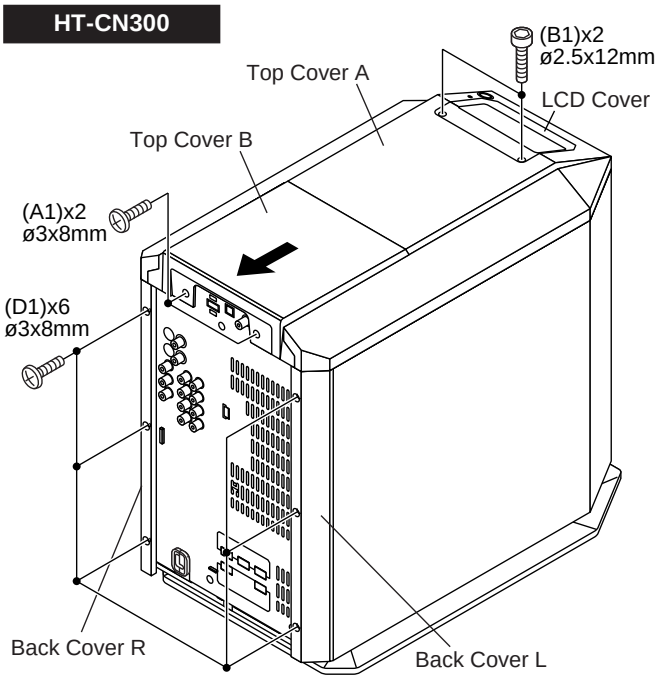


Figure 6-1

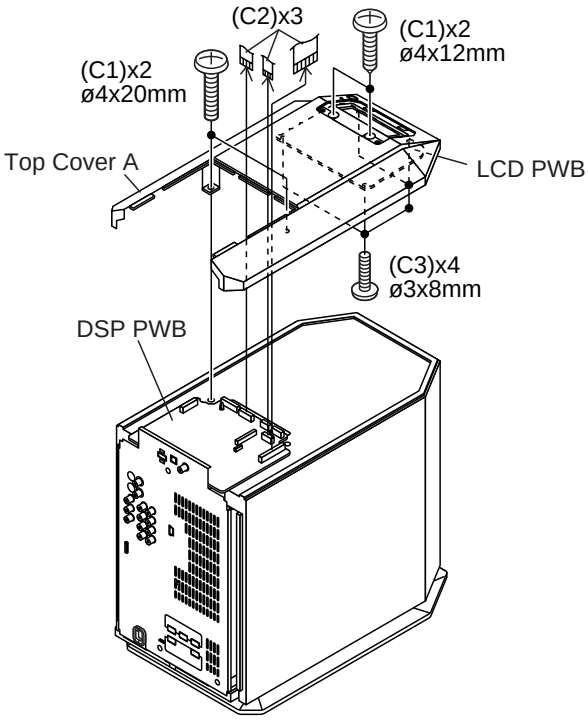


Figure 6-2

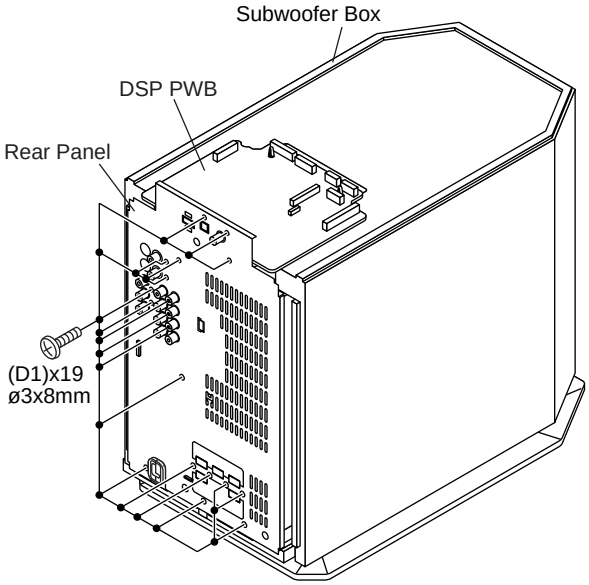


Figure 7-1

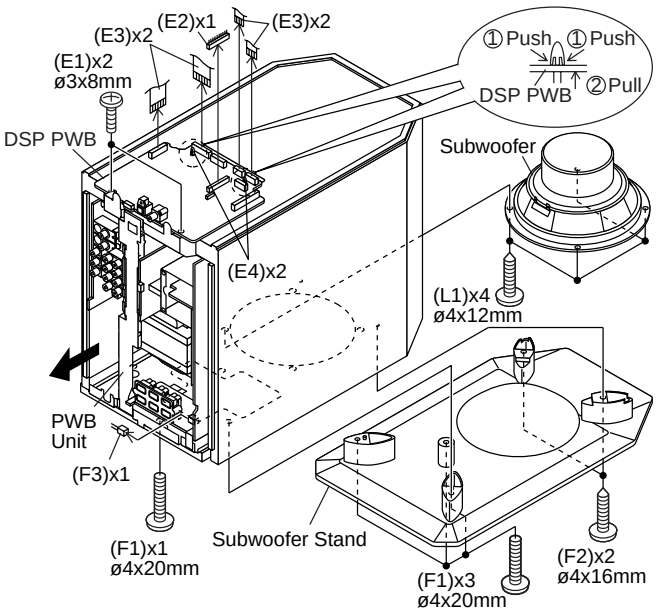


Figure 7-2

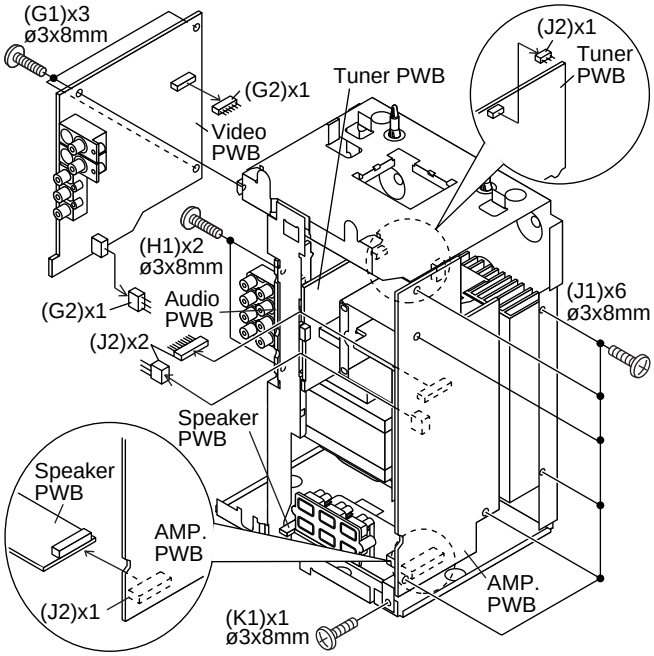


Figure 7-3

CP-CN300F/CP-CN300C/CP-CN300R

These speakers CP-CN300F/CP-CN300C/CPCN300R is available in assembles only and may not be disassembled.

Remote control sensor

This Remote control sensoe is available in assembles only and may not be disassembled.

ADJUSTMENT

TUNER SECTION

fL: Low-range frequency
fH: High-range frequency

- **AM IF/RF**

Signal generator: 400 Hz, 30%, AM modulated

Test Stage	Frequency	Frequency Display	Setting/ Adjusting Parts	Instrument Connection
AM IF	450 kHz	1,720 kHz	T351	*1
AM Band Coverage	—	530 kHz	(fL): T306 1.3 ± 0.1 V	*2
AM Tracking	990 kHz	990 kHz	(fL): T302	*1

*1. Input: Antenna Output: TP302
*2. Input: Antenna Output: TP301

- **FM IF**

Notes:

1: Description of the "FM IF Adjustment" is not carried on this Manual. It is because the IF coil in the FM front end section has been best adjusted in the factory so that its further adjustment is not needed at the field. When replacing the FM front end assembly, no adjustment is needed either.
2: The parts in the FM front end section are prepared in a complete unit, so you can't obtain each part individually.

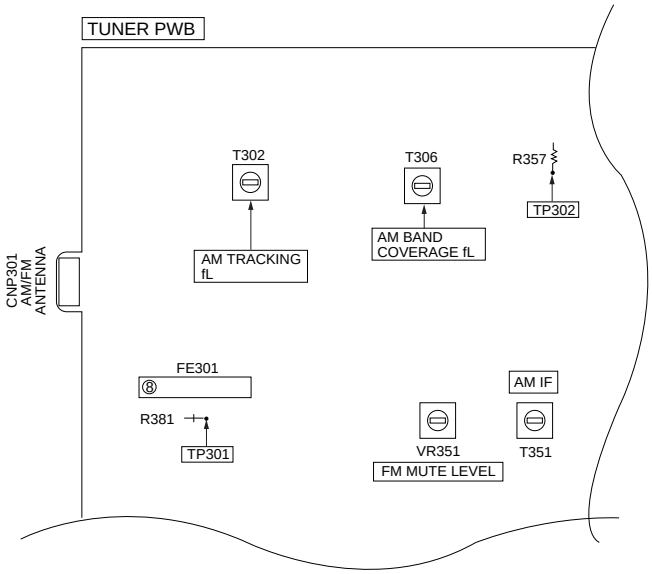


Figure 8-1 TUNER ADJUSTMENT POINTS

OSD SECTION

1: Connect all cables.
2: Power ON
3: Video input (DVD IN or VIDEO 1-IN or VIDEO 2-IN) :NTSC Signal.
4: Adjust Vfc with rotated of TC432. Vfc range : 2.65 V - 2.75V (Chick with DC voltmeter, connect (+) of DC voltmeter to pin 26 of IC401, connect (-) of DC voltmeter to pin 2 of CNP431).

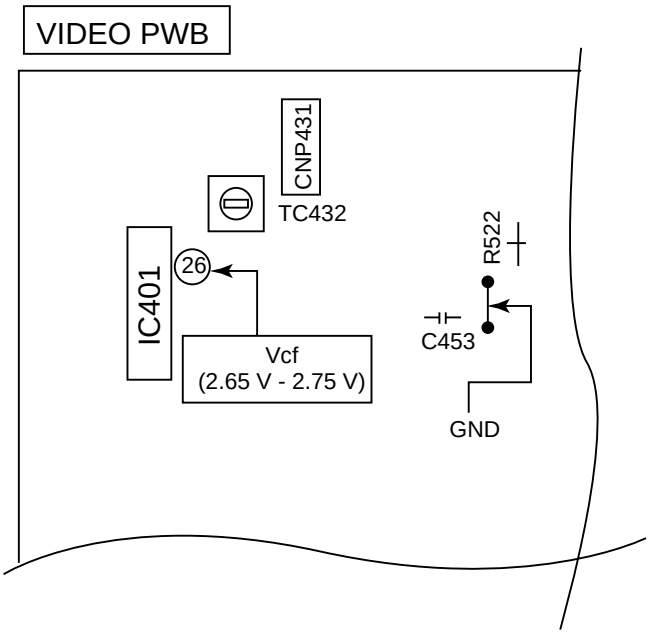


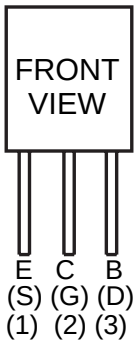
Figure 8-2 OSD. ADJUSTMENT POINTS

NOTES ON SCHEMATIC DIAGRAM

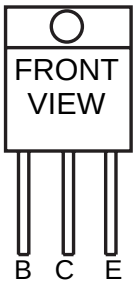
- Resistor:
  To differentiate the units of resistors, such symbol as K and M are used: the symbol K means 1000 ohm and the symbol M means 1000 kohm and the resistor without any symbol is ohm-type resistor. Besides, the one with “Fusible” is a fuse type.
- Capacitor:
  To indicate the unit of capacitor, a symbol P is used: this symbol P means pico-farad and the unit of the capacitor without such a symbol is microfarad. As to electrolytic capacitor, the expression “capacitance/withstand voltage” is used.
  (CH), (TH), (RH), (UJ): Temperature compensation
  (ML): Mylar type
  (P.P.): Polypropylene type
- Schematic diagram and Wiring Side of P.W.Board for this model are subject to change for improvement without prior notice.
- The indicated voltage in each section is the one measured by Digital Multimeter between such a section and the chassis with no signal given.
  1. In the tuner section,
     indicates AM
     indicates FM stereo
  2. In the power section, a tape is being played back.
- Parts marked with “ ⚠ ” (⊏ ═ ═ ═ ⊐) are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

REF. NO	DESCRIPTION	POSITION
SW678	POWER	ON—OFF

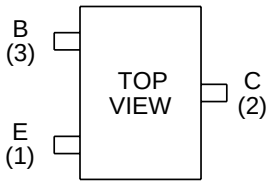
TYPES OF TRANSISTOR AND LED



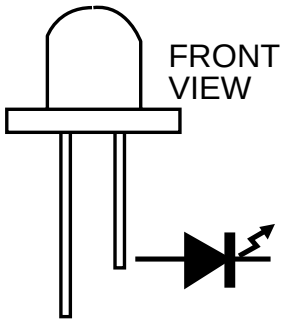
KRC105 M
KRC107 M
KTA1266 GR
KTA1271 Y
KTA1274 Y
KTC3198 GR
KTC3199 GR
KTC3203 Y
2SB1565 F
2SC2878 B
2SD1898



KTC2026



KRA107 S
KRC107 S



333ID213
EL204GT
EL204HT

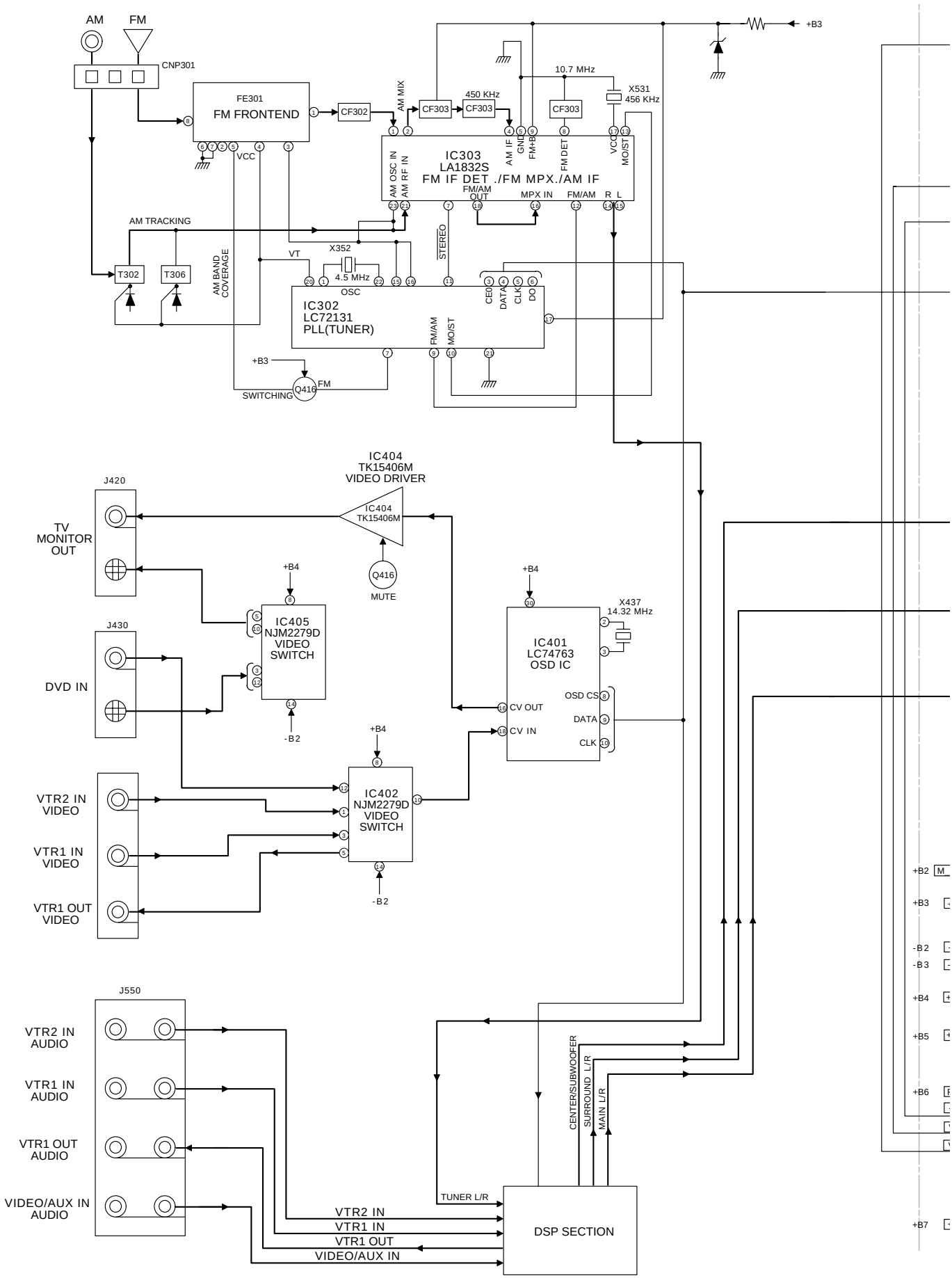


Figure 10 BLOCK DIAGRAM (1/4)

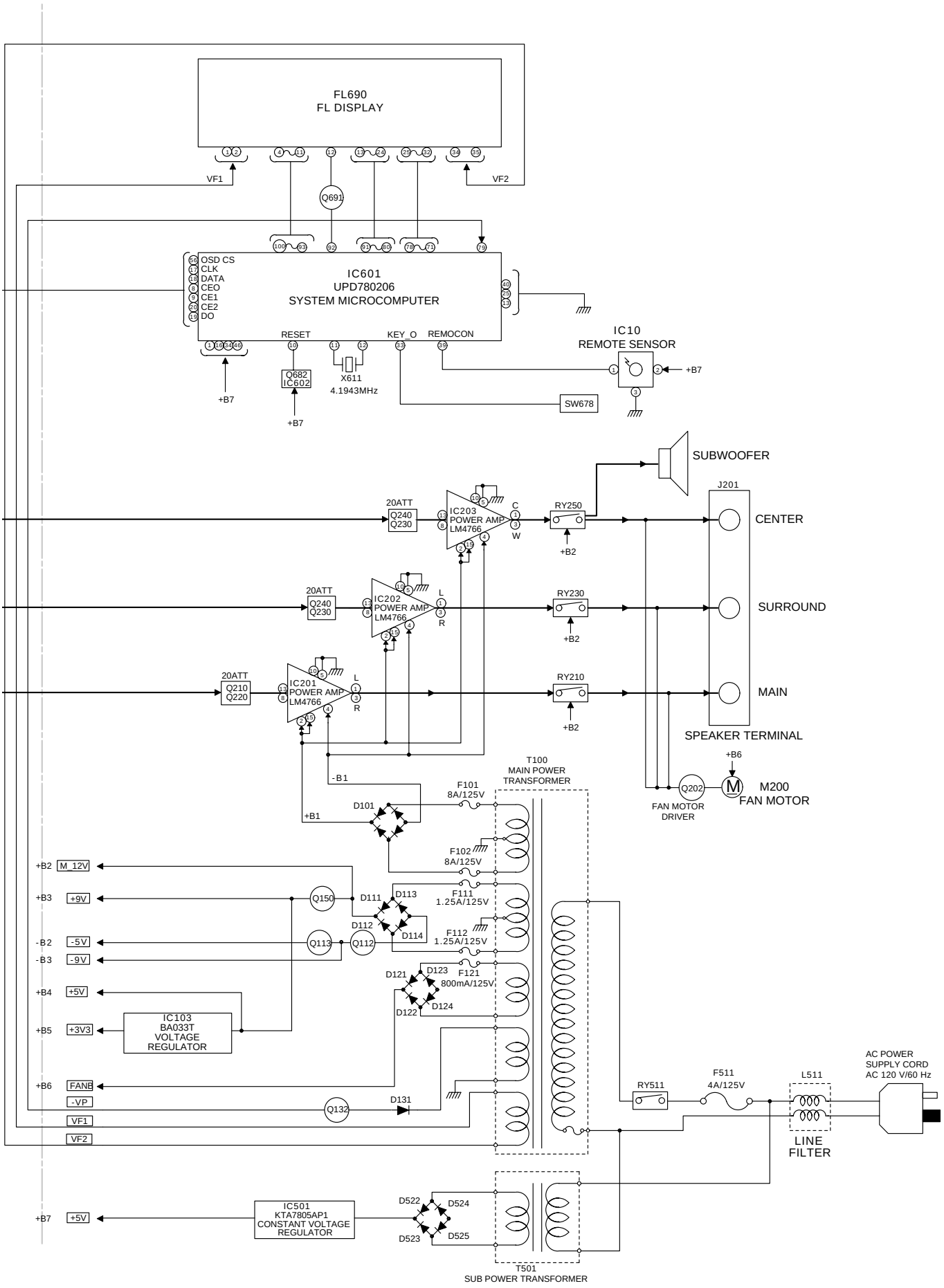


Figure 11 BLOCK DIAGRAM (2/4)

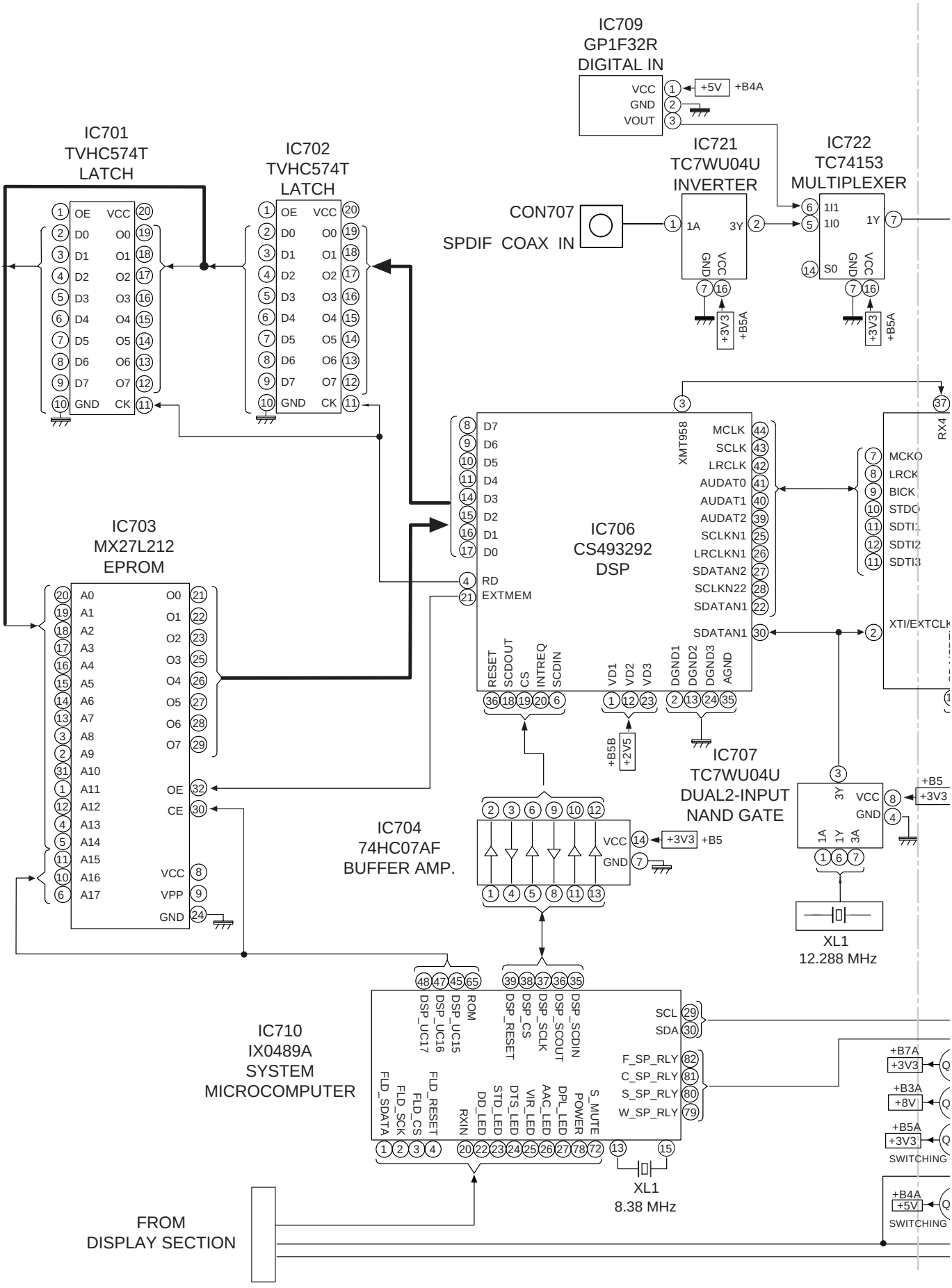


Figure 12 BLOCK DIAGRAM (3/4)

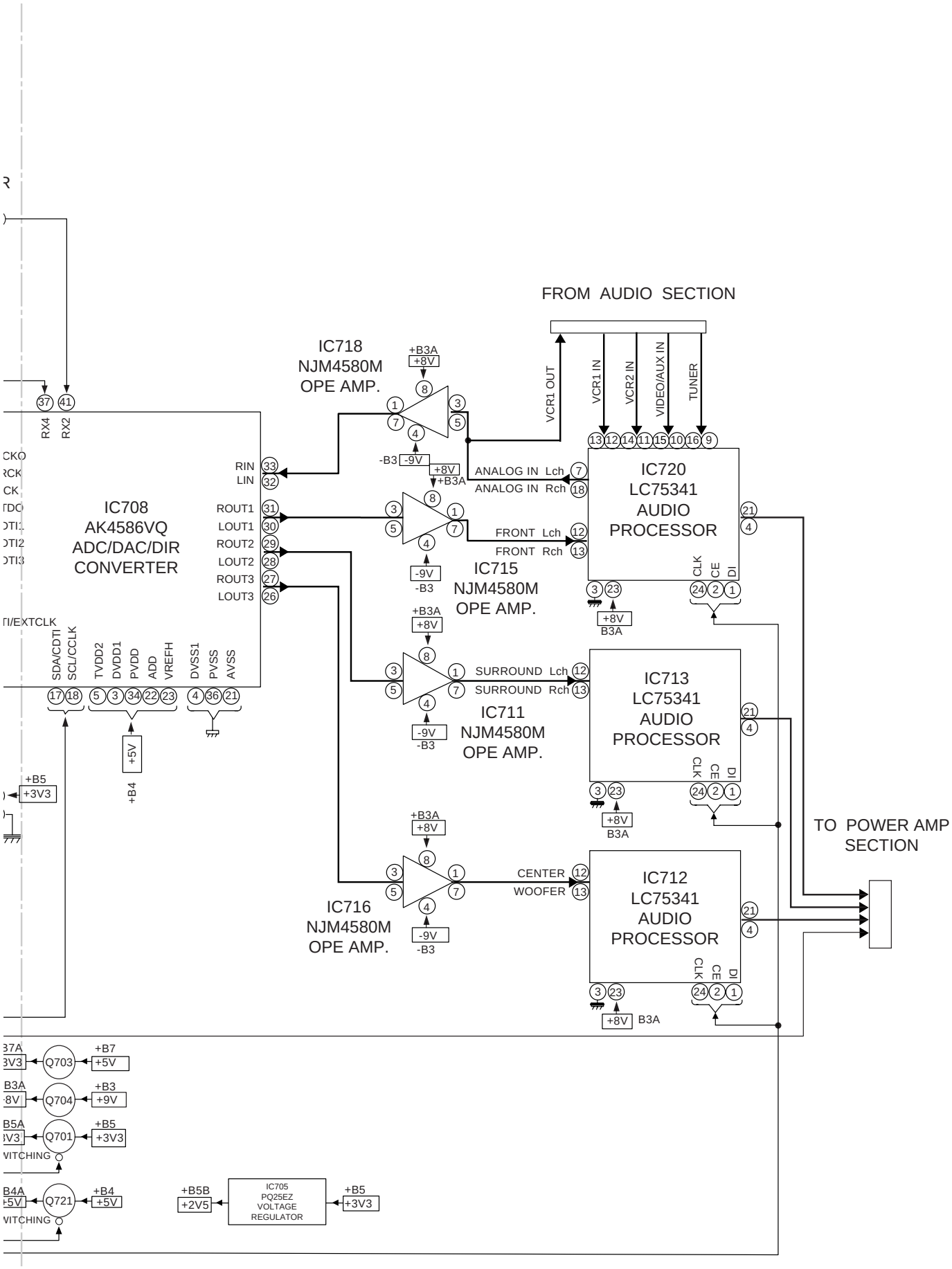
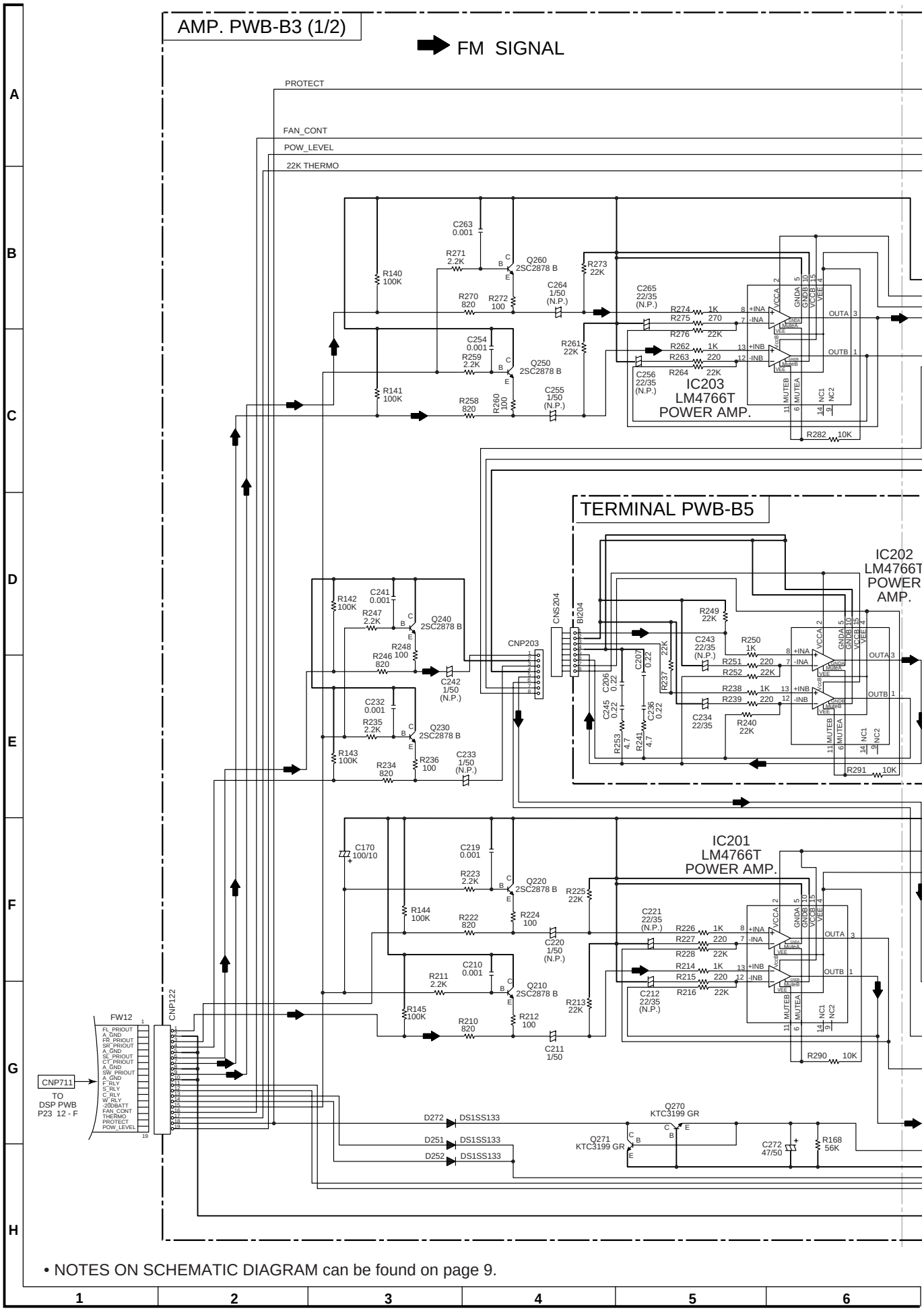
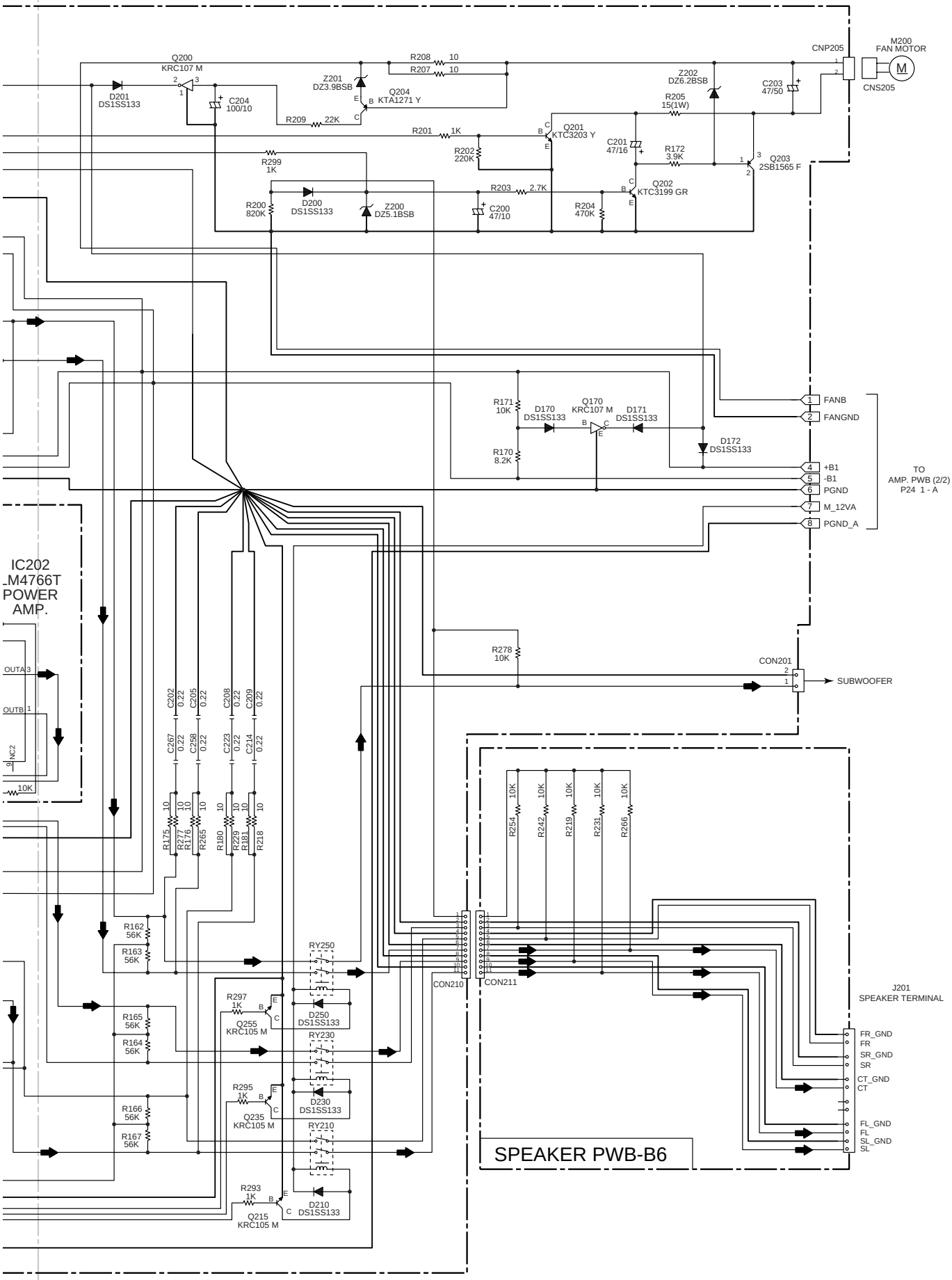


Figure 13 BLOCK DIAGRAM (4/4)



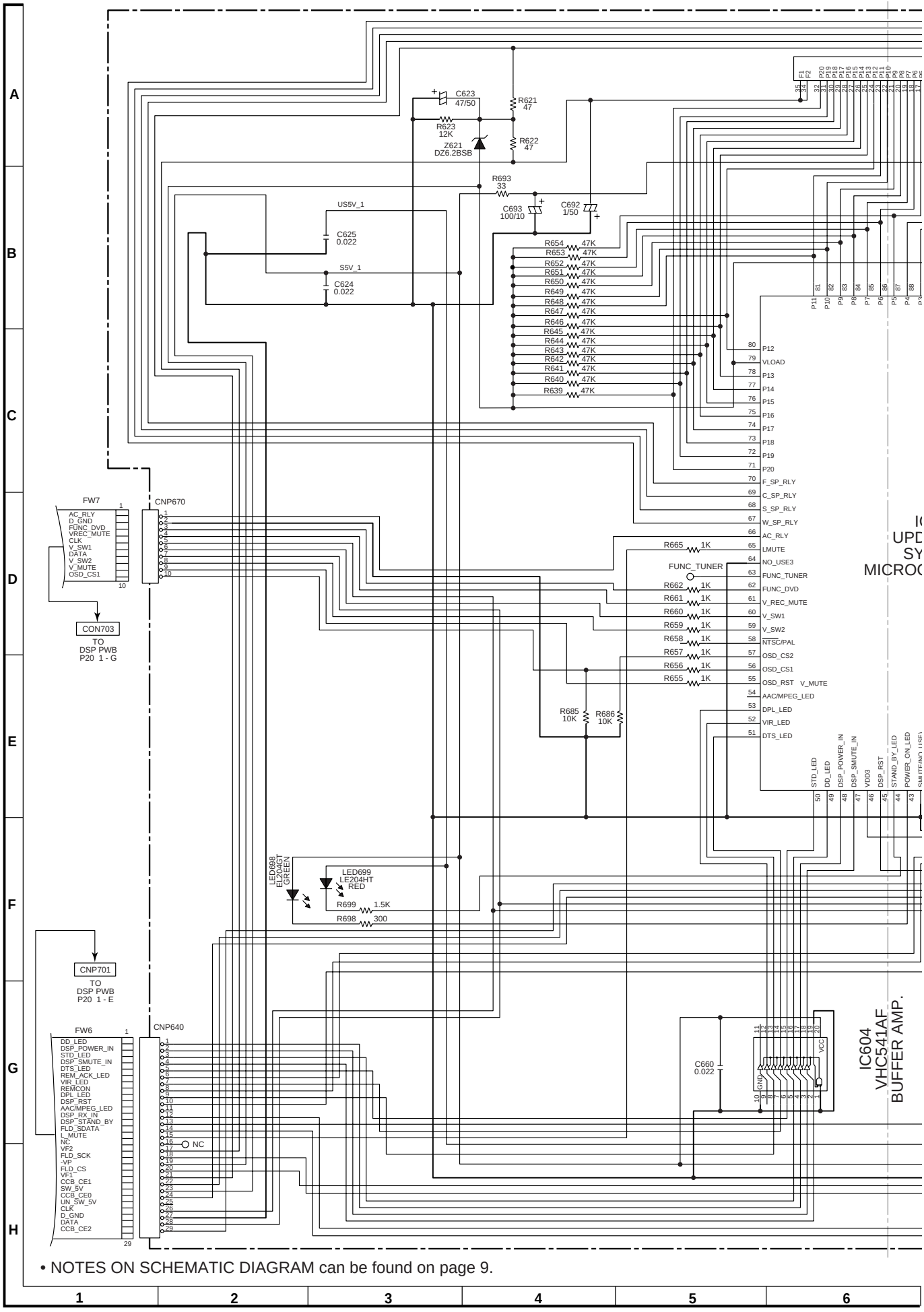
• NOTES ON SCHEMATIC DIAGRAM can be found on page 9.

Figure 14 SCHEMATIC DIAGRAM (1/17)



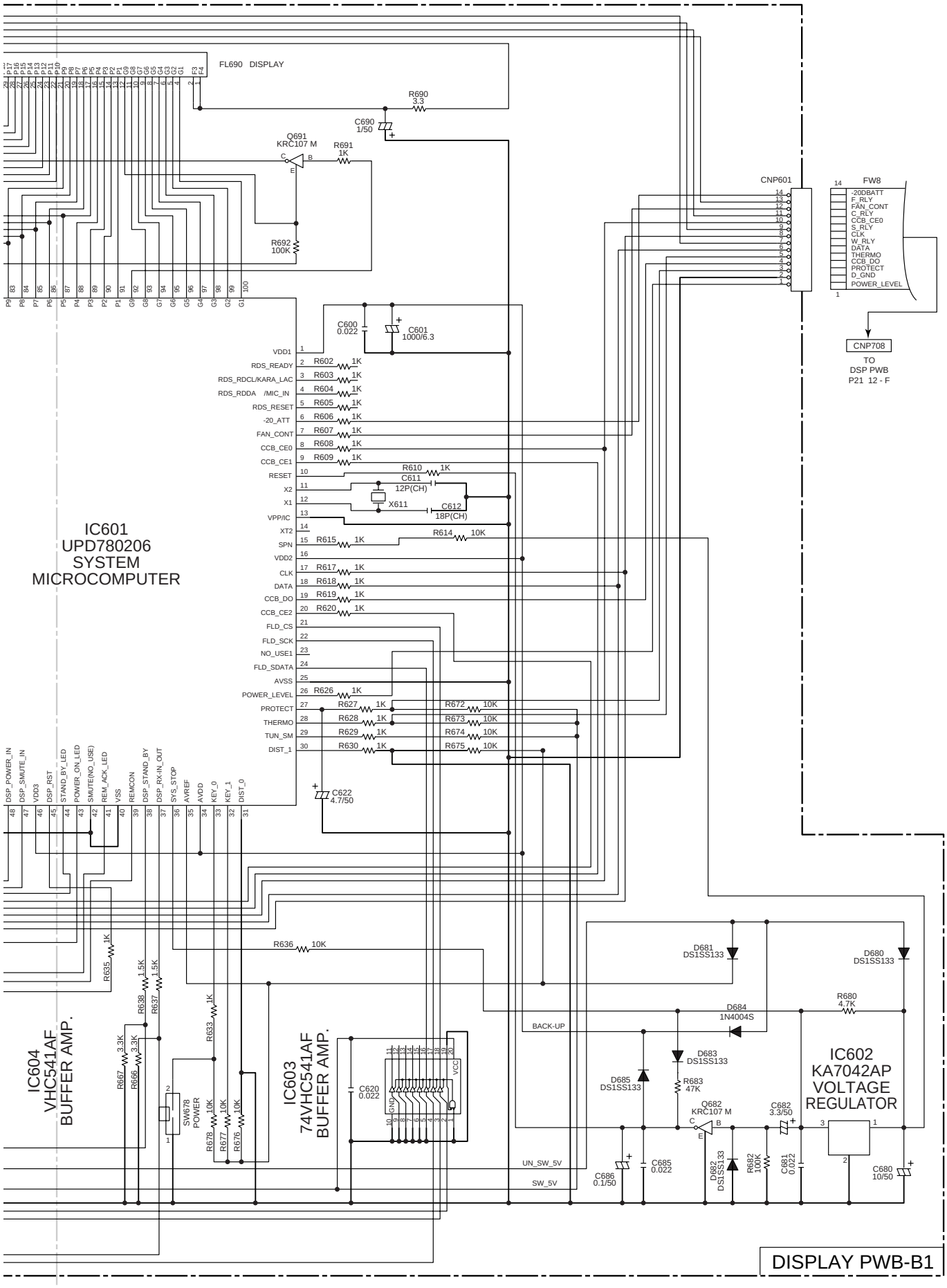
7	8	9	10	11	12

Figure 15 SCHEMATIC DIAGRAM (2/17)



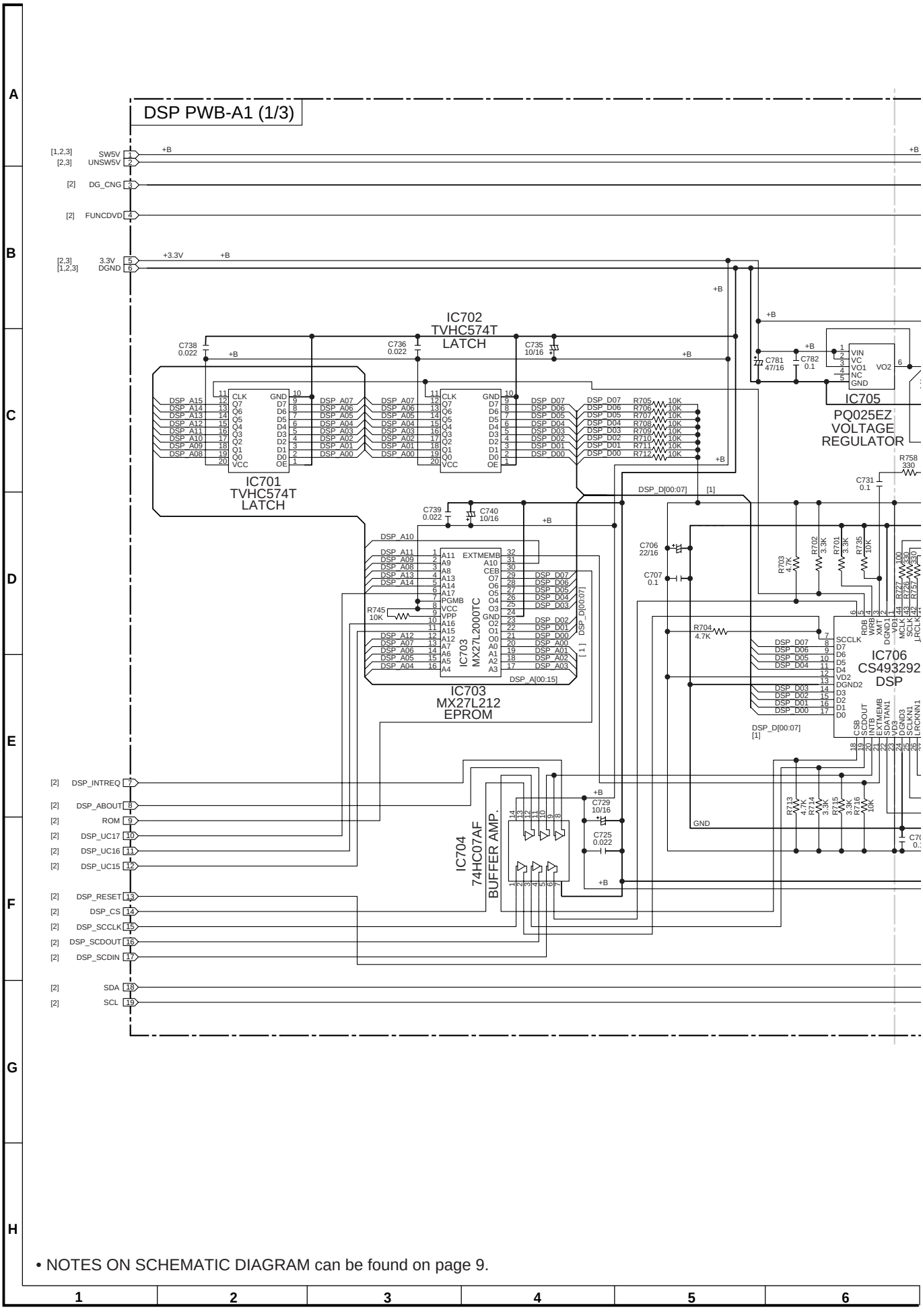
• NOTES ON SCHEMATIC DIAGRAM can be found on page 9.

Figure 16 SCHEMATIC DIAGRAM (3/17)



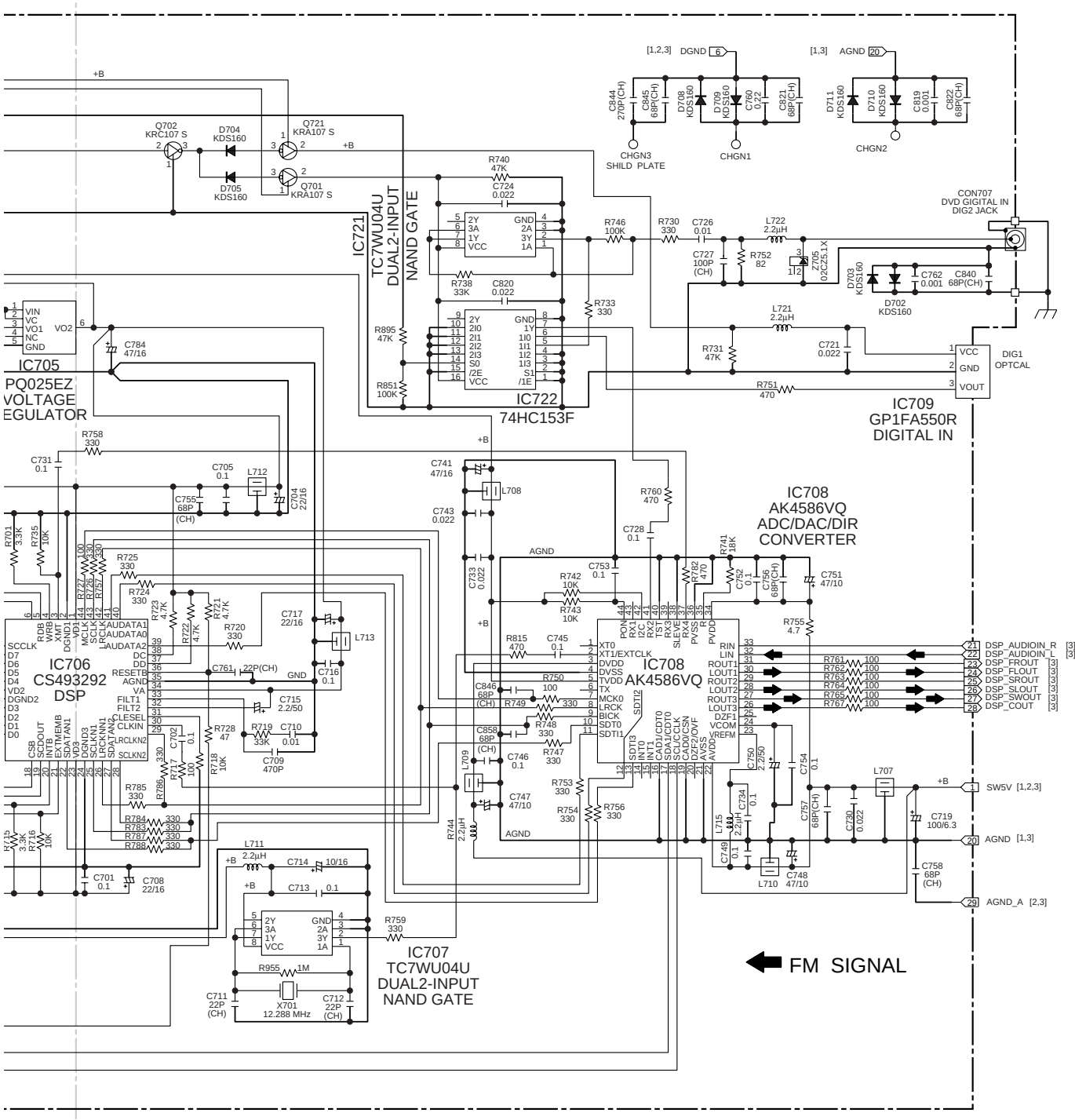
7	8	9	10	11	12

Figure 17 SCHEMATIC DIAGRAM (4/17)



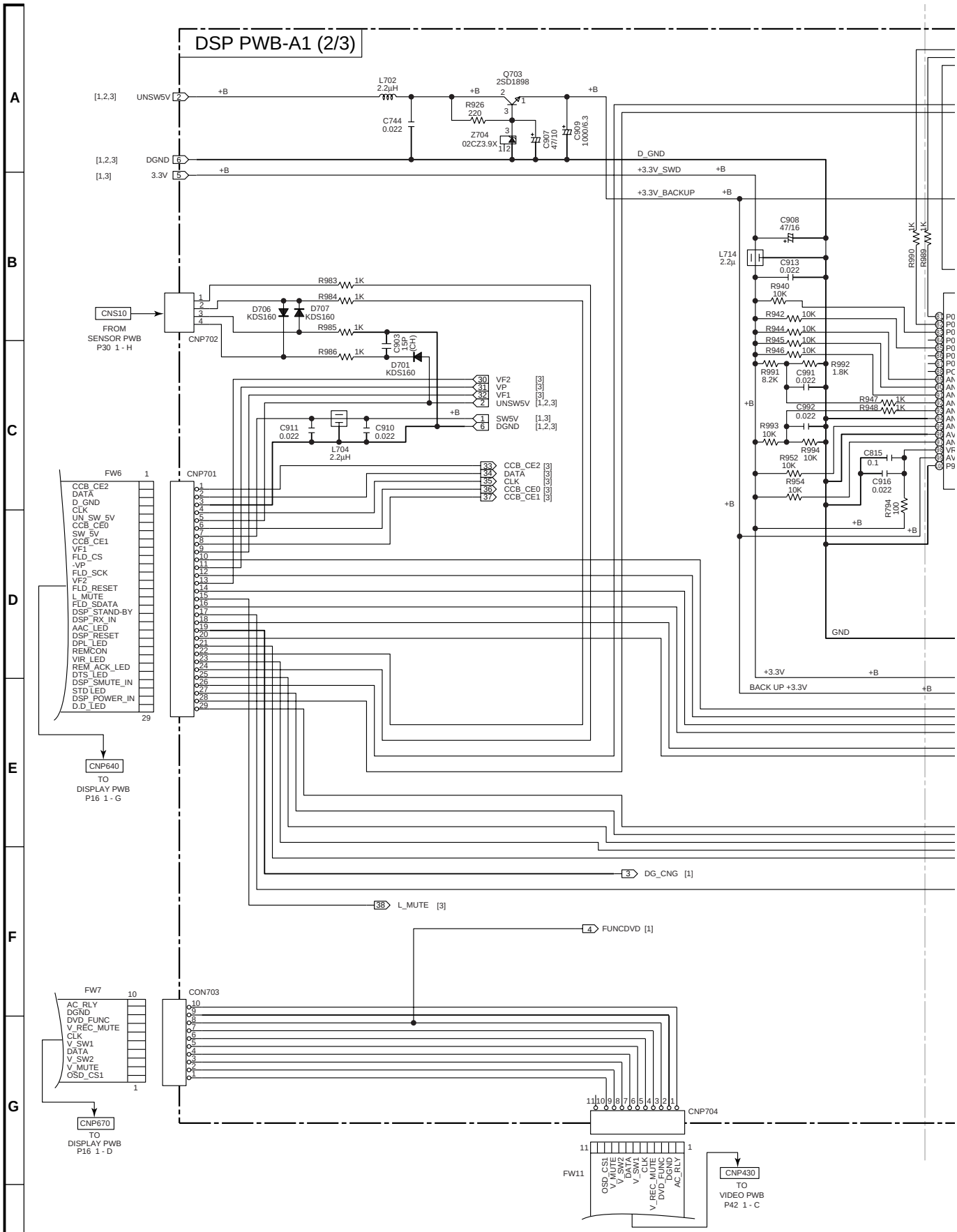
• NOTES ON SCHEMATIC DIAGRAM can be found on page 9.

Figure 18 SCHEMATIC DIAGRAM (5/17)



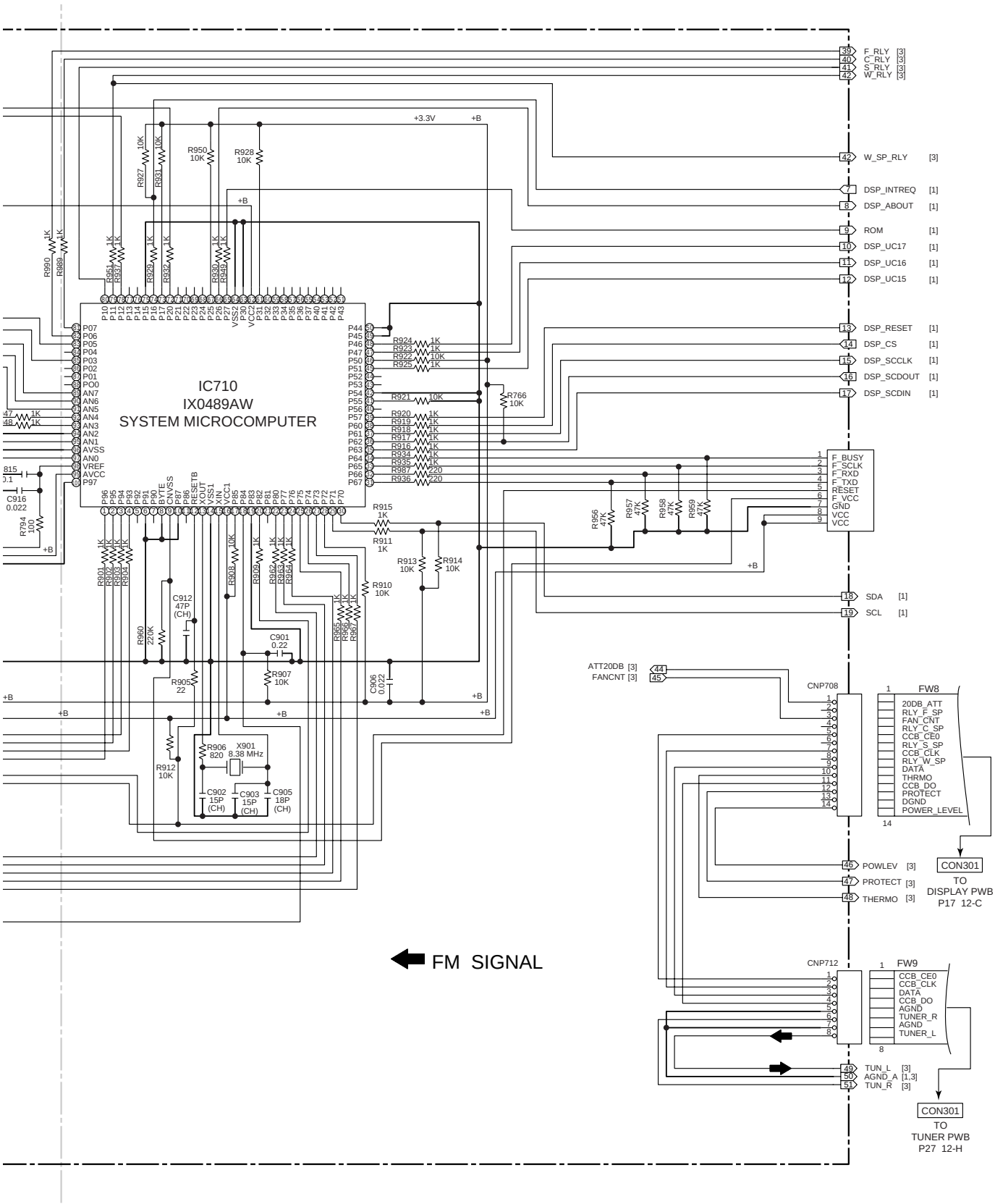
7	8	9	10	11	12

Figure 19 SCHEMATIC DIAGRAM (6/17)



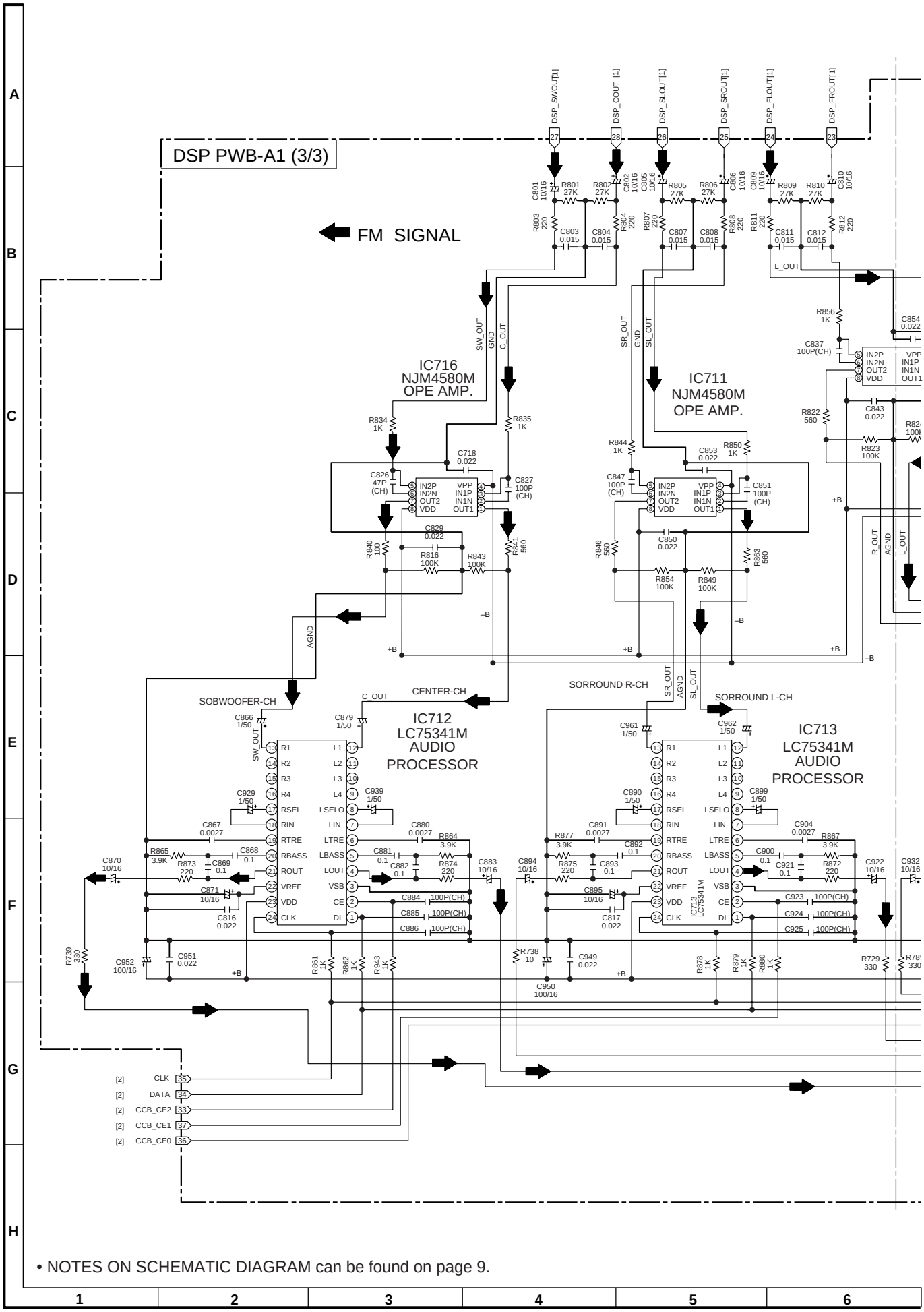
• NOTES ON SCHEMATIC DIAGRAM can be found on page 9.

Figure 20 SCHEMATIC DIAGRAM (7/17)



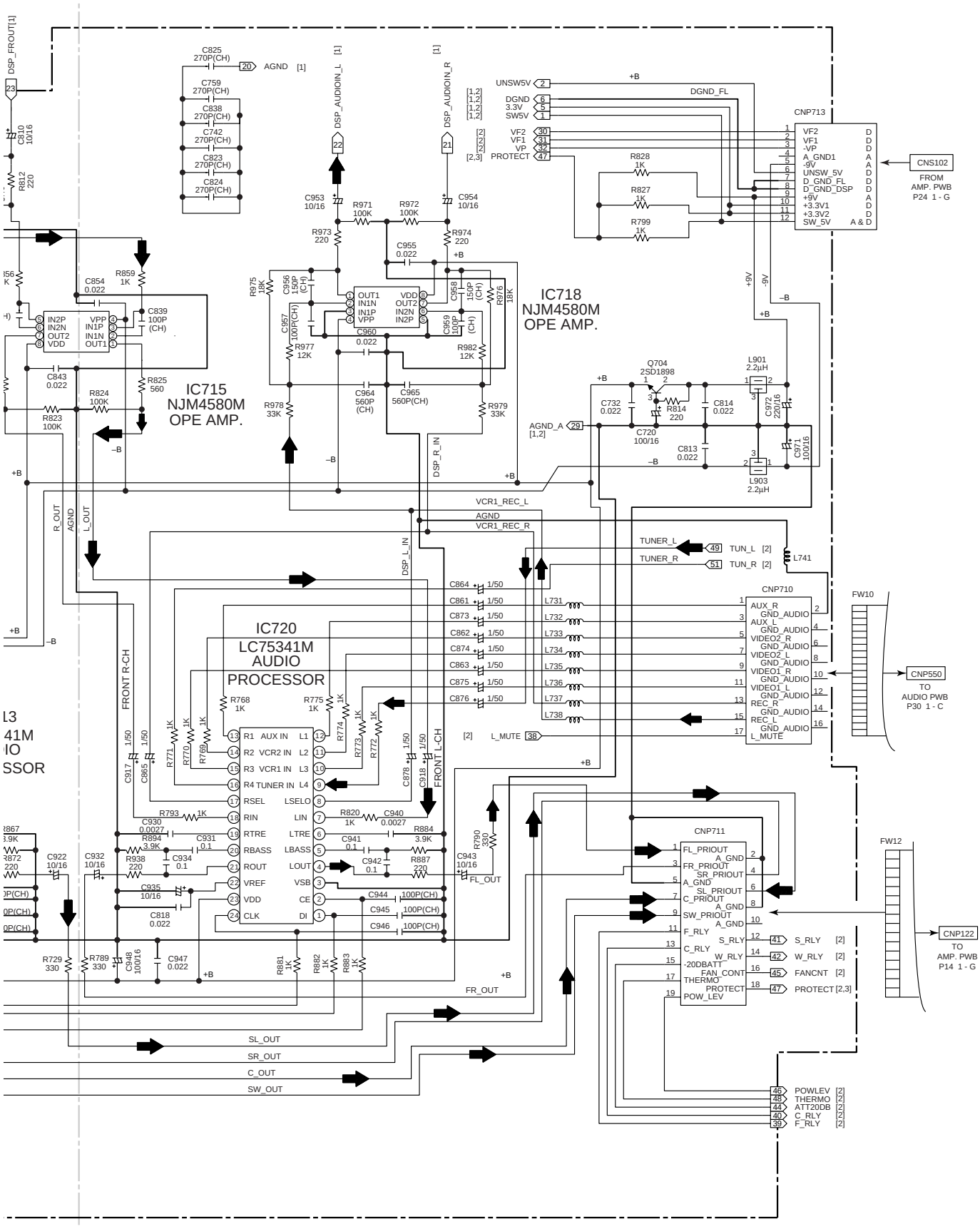
7	8	9	10	11	12

Figure 21 SCHEMATIC DIAGRAM (8/17)



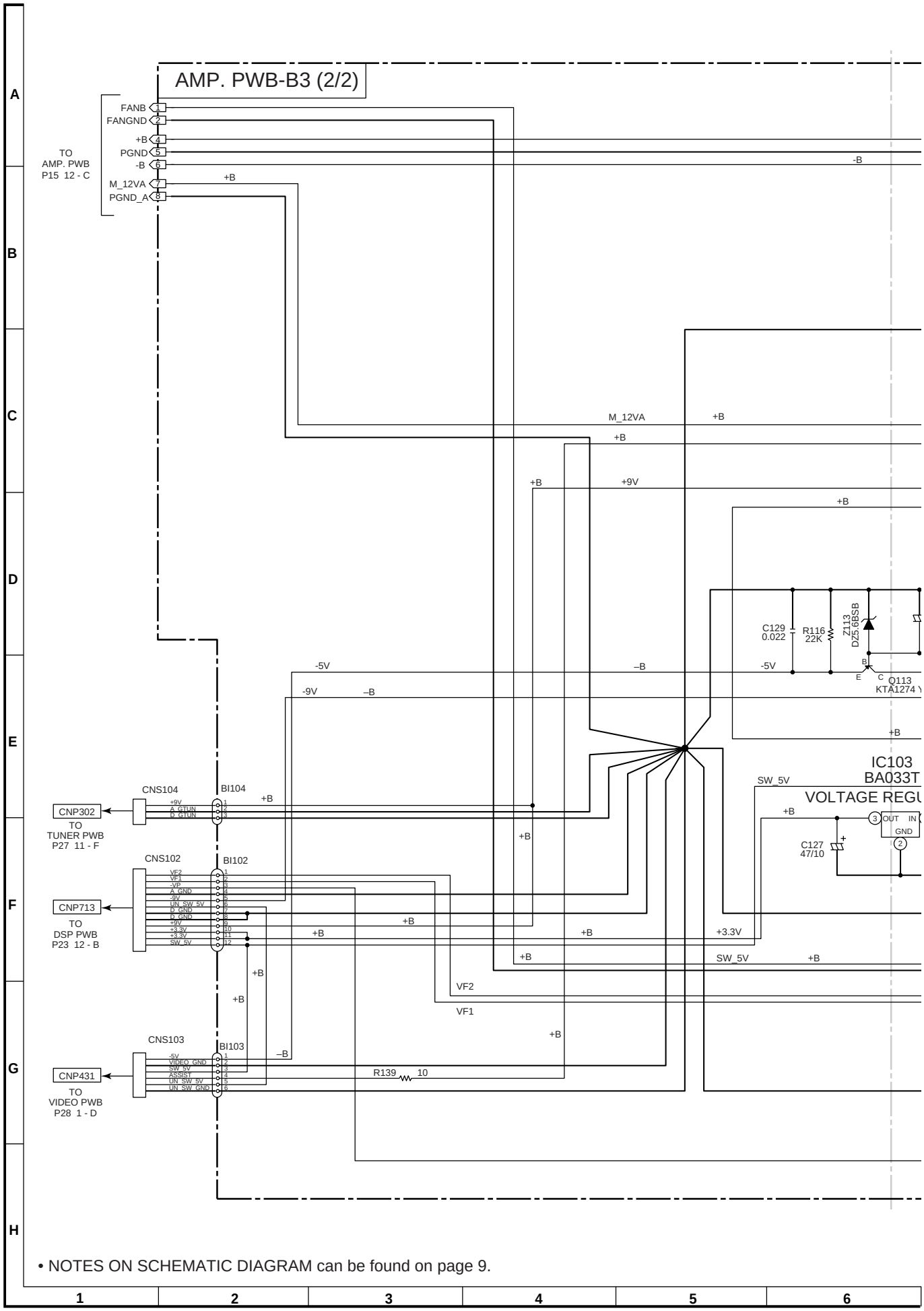
• NOTES ON SCHEMATIC DIAGRAM can be found on page 9.

Figure 22 SCHEMATIC DIAGRAM (9/17)



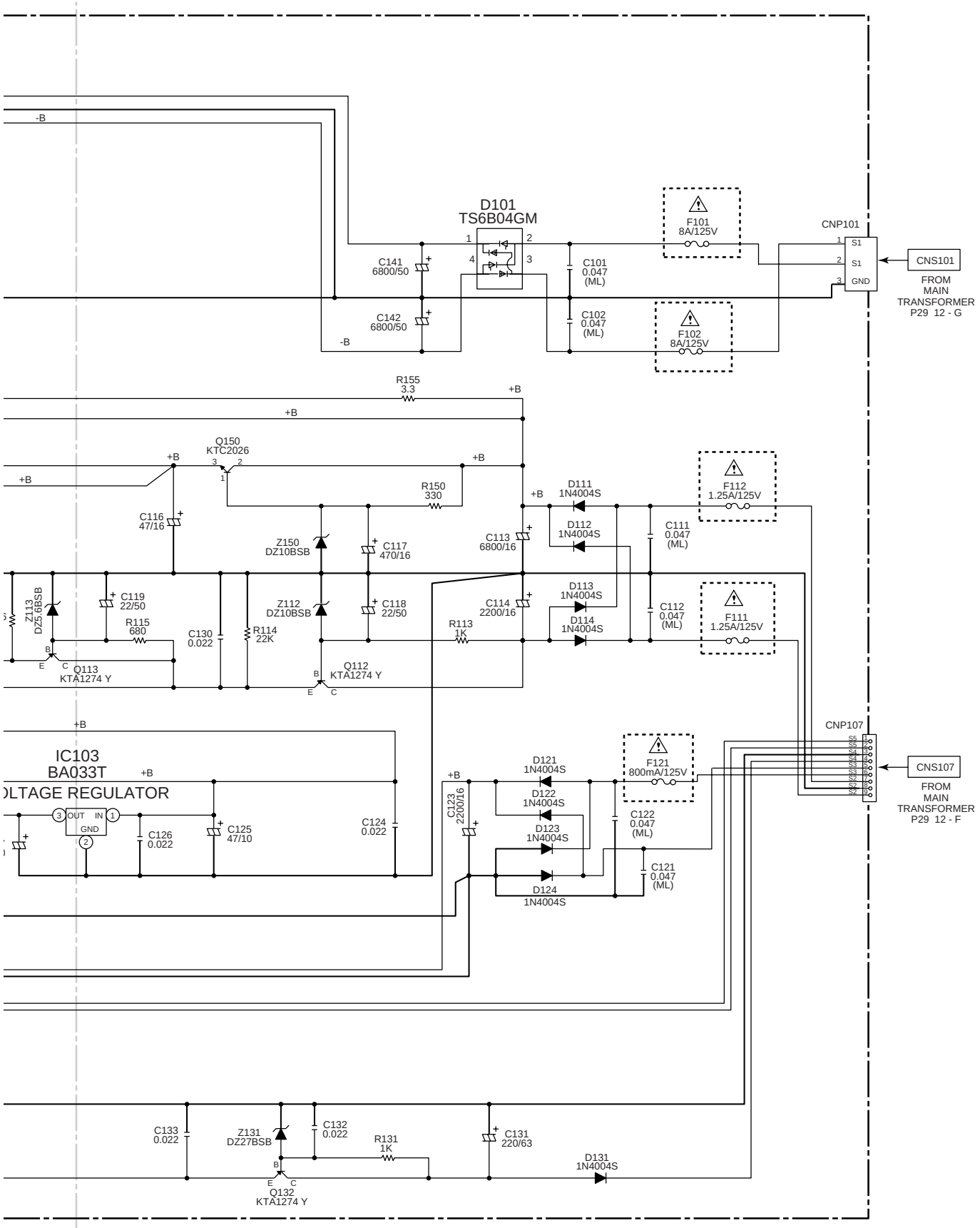
7	8	9	10	11	12

Figure 23 SCHEMATIC DIAGRAM (10/17)



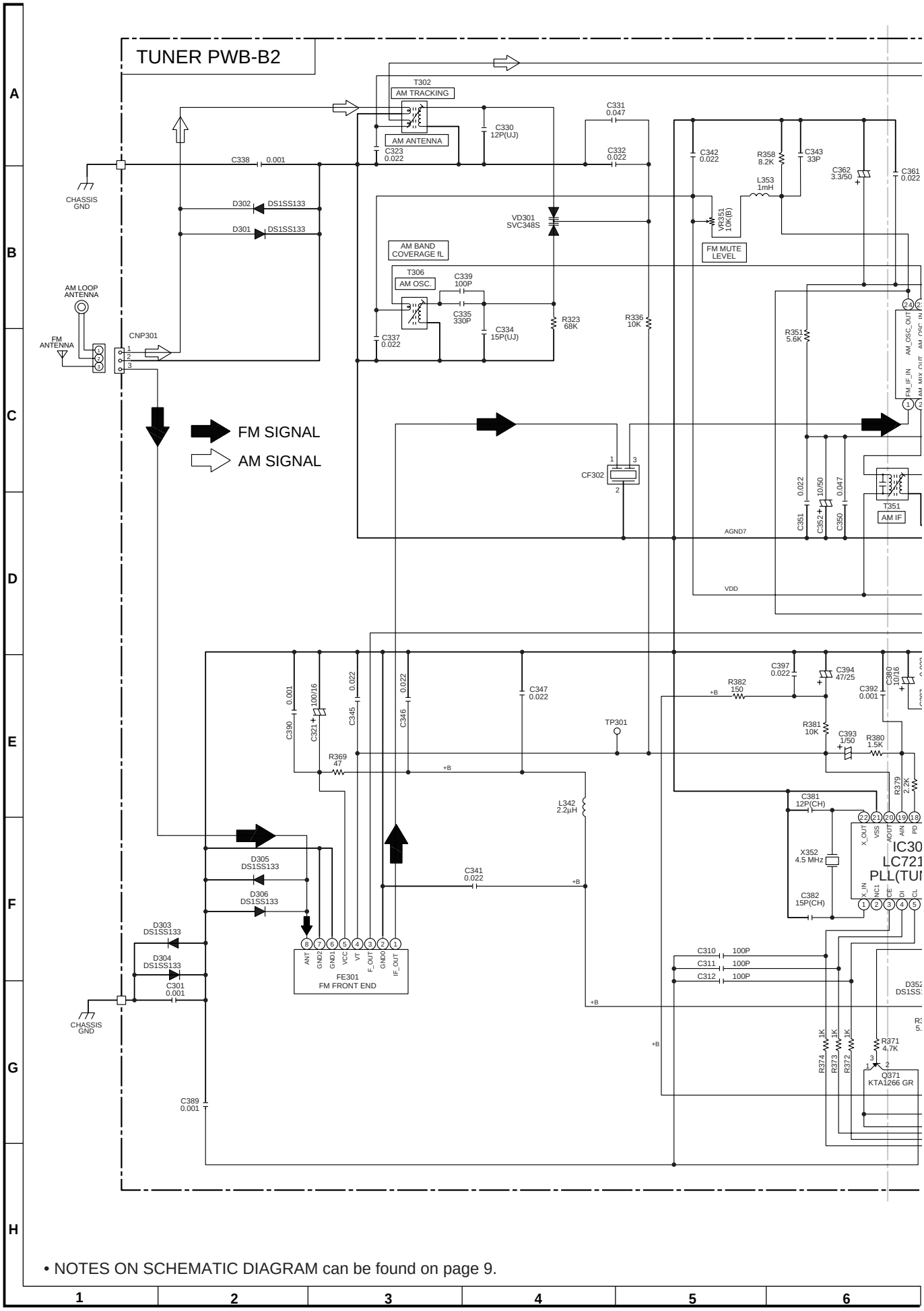
• NOTES ON SCHEMATIC DIAGRAM can be found on page 9.

Figure 24 SCHEMATIC DIAGRAM (11/17)



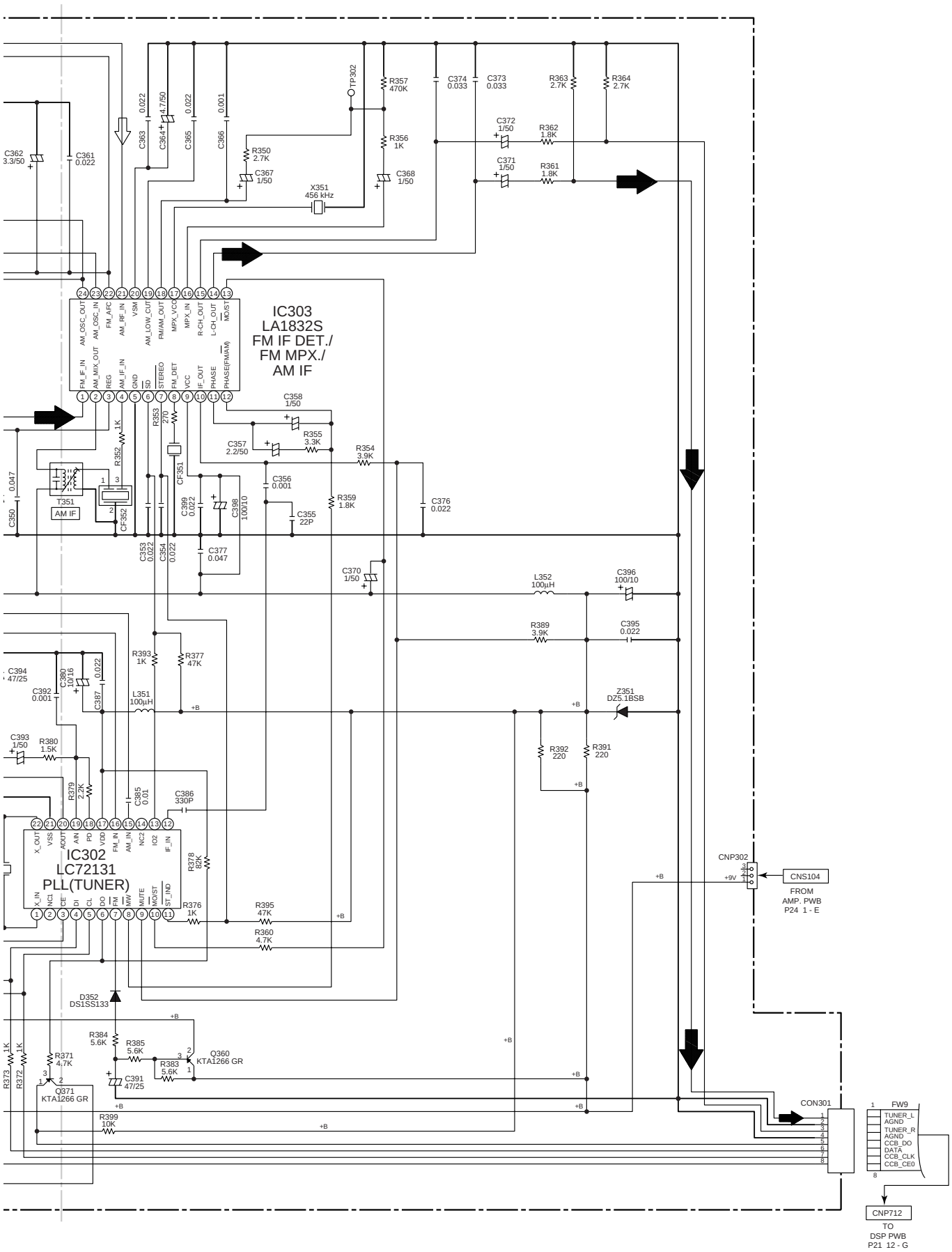
7	8	9	10	11	12

Figure 25 SCHEMATIC DIAGRAM (12/17)



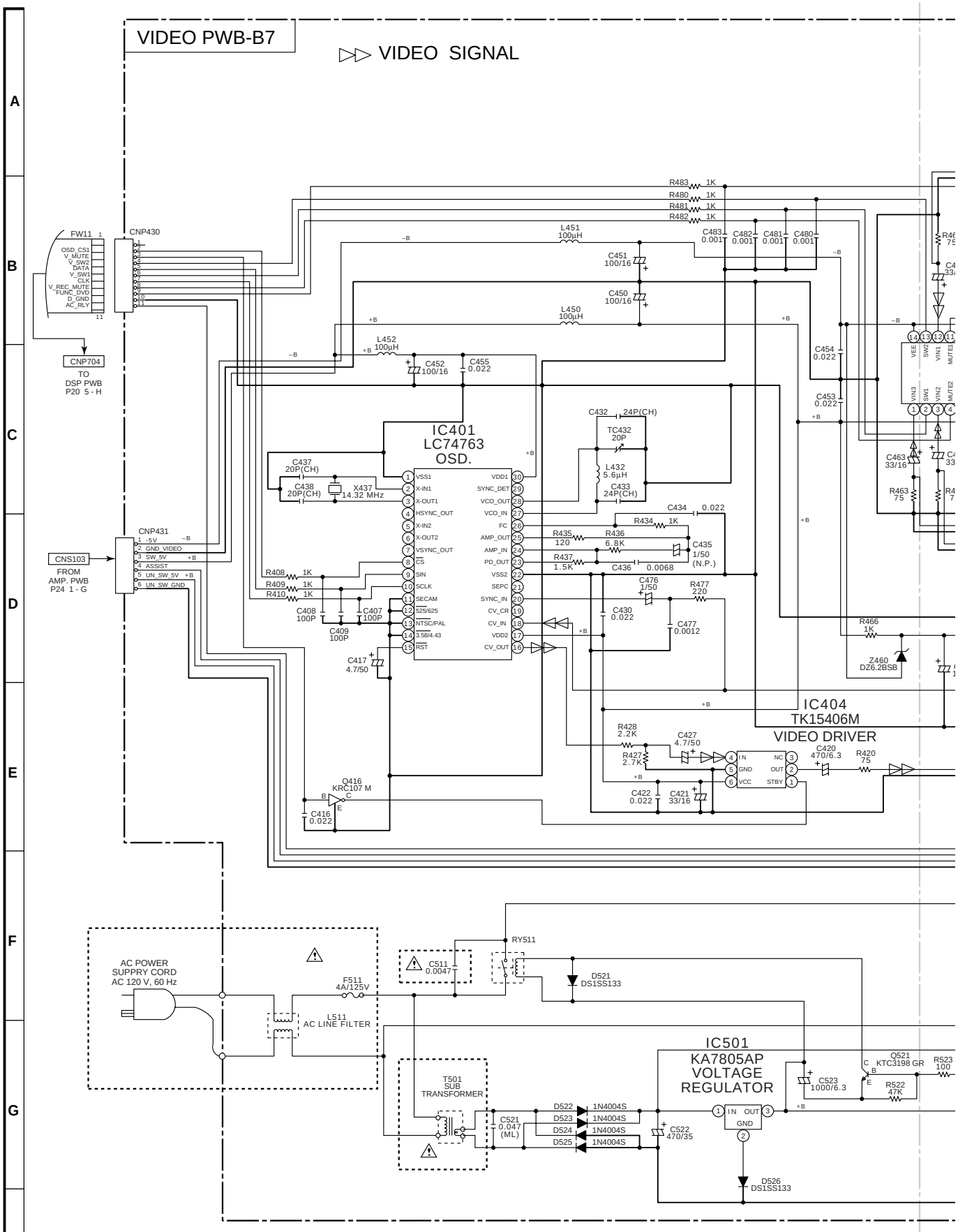
• NOTES ON SCHEMATIC DIAGRAM can be found on page 9.

Figure 26 SCHEMATIC DIAGRAM (13/17)



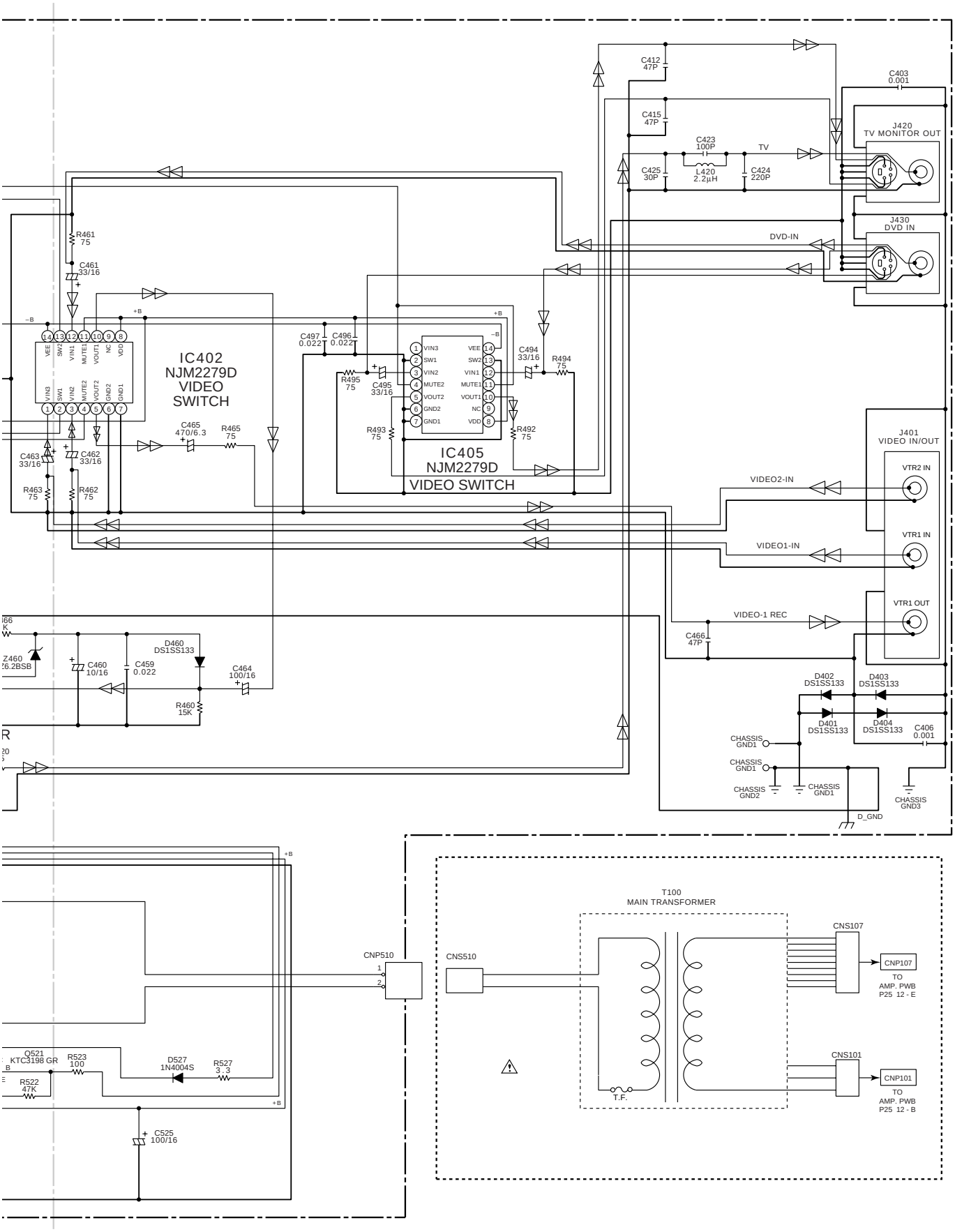
7	8	9	10	11	12

Figure 27 SCHEMATIC DIAGRAM (14/17)



• NOTES ON SCHEMATIC DIAGRAM can be found on page 9.

Figure 28 SCHEMATIC DIAGRAM (15/17)



7	8	9	10	11	12

Figure 29 SCHEMATIC DIAGRAM (16/17)

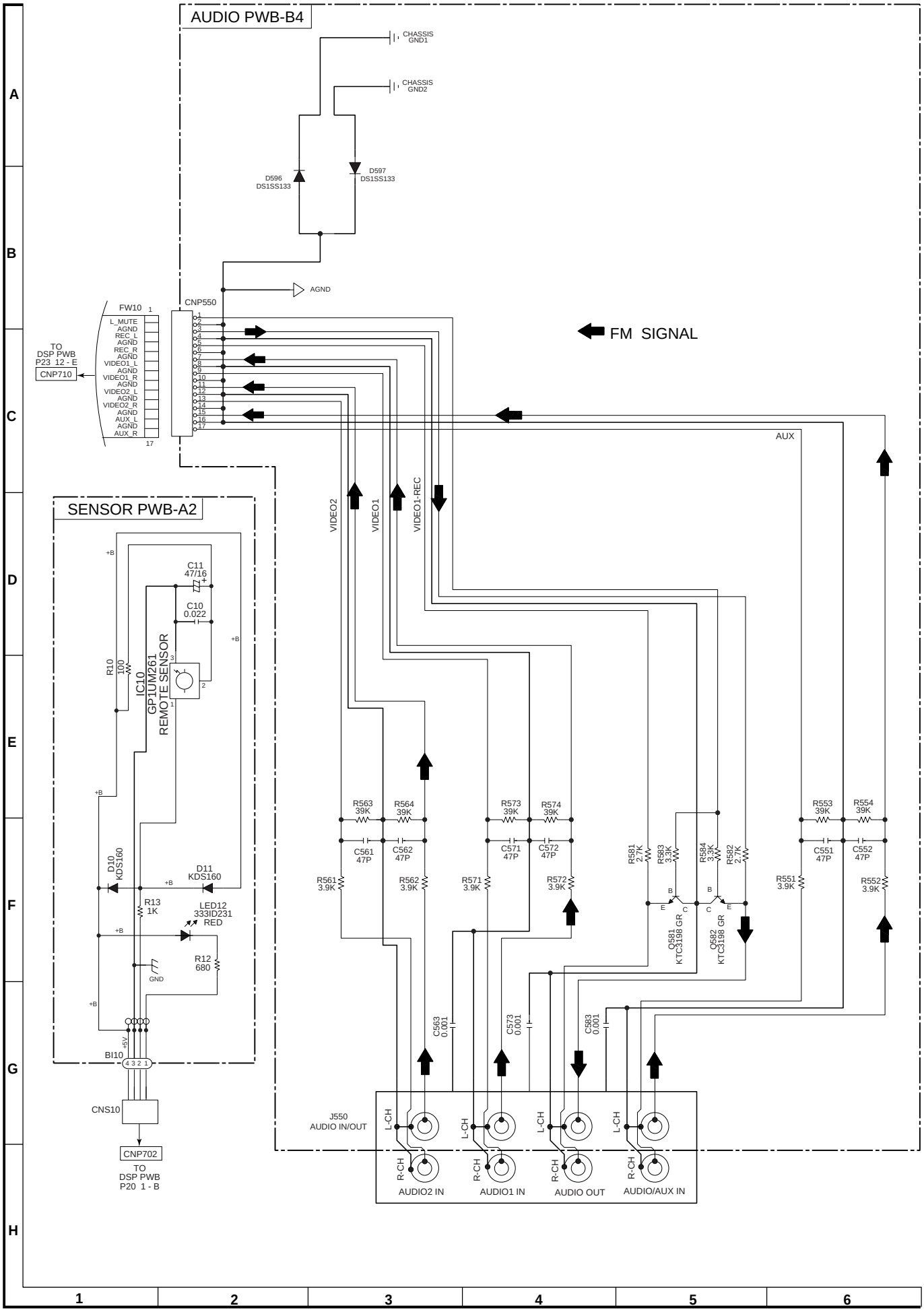


Figure 30 SCHEMATIC DIAGRAM (17/17)

VOLTAGE

IC201

PIN NO.	VOLTAGE
1	0 V
2	29.3 V
3	0 V
4	0 V
5	0 V
6	3.6 V
7	0 V
8	0 V
9	0 V
10	0 V
11	3.6 V
12	0 V
13	0 V
14	0 V
15	29.3 V

IC202

PIN NO.	VOLTAGE
1	0 V
2	29.3 V
3	0 V
4	29.3 V
5	0 V
6	3.6 V
7	0 V
8	0 V
9	0 V
10	0 V
11	3.6 V
12	0 V
13	0 V
14	0 V
15	29.3 V

IC203

PIN NO.	VOLTAGE
1	0 V
2	29.3 V
3	0 V
4	29.3 V
5	0 V
6	3.6 V
7	0 V
8	0 V
9	0 V
10	0 V
11	3.6 V
12	0 V
13	0 V
14	0 V
15	29.3 V

IC302

PIN NO.	VOLTAGE
1	2.5 V
2	0 V
3	0 V
4	1.7 V
5	4.1 V
6	5.1 V
7	0 V
8	3.9 V
9	0 V
10	4 V
11	5.1 V
12	2.5 V
13	0 V
14	0 V
15	0 V
16	2.5 V
17	5.2 V
18	0.8 V
19	0.8 V
20	2.9 V
21	0 V
22	2.5 V

IC303

PIN NO.	VOLTAGE
1	2.2 V
2	5 V
3	2.2 V
4	2.2 V
5	0 V
6	0 V
7	5.1 V
8	3 V
9	5 V
10	0 V
11	3.9 V
12	3.9 V
13	4 V
14	1.3 V
15	1.3 V
16	2.2 V
17	2.4 V
18	2.7 V
19	0 V
20	2.3 V
21	2.3 V
22	2.3 V
23	5 V
24	3.5 V

IC401

PIN NO.	VOLTAGE
1	0 V
2	2.5 V
3	2.6 V
4	4.6 V
5	4.6 V
6	5 V
7	5 V
8	2.5 V
9	0.4 V
10	4.4 V
11	0 V
12	0 V
13	0 V
14	0 V
15	5 V
16	0.8 V
17	4.8 V
18	0.8 V
19	0.5 V
20	2 V
21	2 V
22	0 V
23	2.5 V
24	2.5 V
25	2.6 V
26	2.6 V
27	2.5 V
28	2.5 V
29	0.4 V
30	5 V

IC402

PIN NO.	VOLTAGE
1	0 V
2	0.01 V
3	0.03 V
4	0.01 V
5	0.05 V
6	0 V
7	0 V
8	4.8 V
9	0 V
10	0 V
11	4.8 V
12	0 V
13	4.5 V
14	4.8 V

IC404

PIN NO.	VOLTAGE
1	1.4 V
2	2.4 V
3	2.4 V
4	2.4 V
5	0 V
6	4.8 V

IC405

PIN NO.	VOLTAGE
1	0 V
2	0 V
3	0.03 V
4	0.01 V
5	0.05 V
6	0 V
7	0 V
8	4.8 V
9	0 V
10	0 V
11	0 V
12	0 V
13	0 V
14	4.8 V

IC603

PIN NO.	VOLTAGE
1	0 V
2	0 V
3	3 V
4	1.6 V
5	0 V
6	0 V
7	0 V
8	0 V
9	0 V
10	0 V
11	0 V
12	0 V
13	0 V
14	0 V
15	0 V
16	4.3 V
17	4.6 V
18	0 V
19	0 V
20	5 V

IC604

PIN NO.	VOLTAGE
1	0 V
2	3.4 V
3	3.4 V
4	0 V
5	3.4 V
6	0 V
7	0 V
8	3.4 V
9	2.2 V
10	0 V
11	0 V
12	5 V
13	0 V
14	0 V
15	5 V
16	0 V
17	5 V
18	5 V
19	0 V
20	5 V

IC718

PIN NO.	VOLTAGE
1	0 V
2	0 V
3	0 V
4	9.3 V
5	0 V
6	0 V
7	0 V
8	8.4 V

IC701

PIN NO.	VOLTAGE
1	0 V
2	3.3 V
3	3.3 V
4	3.3 V
5	3.3 V
6	3.3 V
7	3.3 V
8	3.3 V
9	3.3 V
10	0 V
11	2.4 V
12	3.3 V
13	3.3 V
14	3.3 V
15	3.3 V
16	3.3 V
17	3.3 V
18	3.3 V
19	3.3 V
20	3.3 V

IC702

PIN NO.	VOLTAGE
1	0 V
2	2.4 V
3	2.4 V
4	2.4 V
5	2.4 V
6	2.4 V
7	2.4 V
8	2.4 V
9	2.4 V
10	0 V
11	2.4 V
12	3.3 V
13	3.3 V
14	3.3 V
15	3.3 V
16	3.3 V
17	3.3 V
18	3.3 V
19	3.3 V
20	3.3 V

IC703

PIN NO.	VOLTAGE
1	3.3 V
2	3.3 V
3	3.3 V
4	3.3 V
5	3.3 V
6	0 V
7	3.3 V
8	3.3 V
9	3.3 V
10	0 V
11	0 V
12	3.3 V
13	3.3 V
14	3.3 V
15	3.3 V
16	3.3 V
17	3.3 V
18	3.3 V
19	3.3 V
20	3.3 V
21	2.4 V
22	2.4 V
23	2.4 V
24	0 V
25	2.4 V
26	2.4 V
27	2.4 V
28	2.4 V
29	2.4 V
30	3.4 V
31	3.3 V
32	2.4 V

IC706

PIN NO.	VOLTAGE
1	2.4 V
2	0 V
3	1.1 V
4	0 V
5	2.4 V
6	0 V
7	0 V
8	0 V
9	2.4 V
10	2.4 V
11	2.4 V
12	2.4 V
13	0 V
14	2.4 V
15	2.4 V
16	2.4 V
17	2.4 V
18	2.4 V
19	2.4 V
20	2.4 V
21	2.4 V
22	1.2 V
23	2.4 V
24	0 V
25	1.2 V
26	1.6 V
27	1.2 V
28	1.6 V
29	1.6 V
30	2 V
31	0 V
32	1.9 V
33	1.2 V
34	2.5 V
35	0 V
36	3.2 V
37	2.4 V
38	2.4 V
39	0.9 V
40	0.9 V
41	0.9 V
42	1.6 V
43	1.6 V
44	0 V

IC704

PIN NO.	VOLTAGE
1	0 V
2	0 V
3	2.4 V
4	3.3 V
5	0 V
6	0 V
7	0 V
8	3.3 V
9	2.3 V
10	2.4 V
11	3.4 V
12	2.4 V
13	3.4 V
14	3.3 V

IC705

PIN NO.	VOLTAGE
1	3.3 V
2	3.3 V
3	2.5 V
4	0 V
5	0 V

IC707

PIN NO.	VOLTAGE
1	1.2 V
2	1.6 V
3	0 V
4	0 V
5	3.3 V
6	1.5 V
7	1.5 V
8	3.3 V

IC708

PIN NO.	VOLTAGE
1	2.5 V
2	2.2 V
3	4.9 V
4	0 V
5	3.3 V
6	2.5 V
7	1.4 V
8	1.6 V
9	1.6 V
10	1.2 V
11	0.9 V
12	0 V
13	0.5 V
14	0 V
15	0 V
16	0 V
17	3.2 V
18	3.2 V
19	0 V
20	0 V
21	0 V
22	4.9 V
23	4.9 V
24	2.4 V
25	0 V
26	2.4 V
27	2.4 V
28	2.4 V
29	2.4 V
30	2.4 V
31	2.4 V
32	2.4 V
33	2.4 V
34	0 V
35	0 V
36	0 V
37	0 V
38	0 V
39	2.4 V
40	0 V
41	2.4 V
42	0 V
43	0 V
44	0 V

IC711

PIN NO.	VOLTAGE
1	0 V
2	0 V
3	0 V
4	9.3 V
5	0 V
6	0 V
7	0 V
8	8.4 V

IC715

PIN NO.	VOLTAGE
1	0 V
2	0 V
3	0 V
4	9.3 V
5	0 V
6	0 V
7	0 V
8	8.4 V

IC716

PIN NO.	VOLTAGE
1	0 V
2	0 V
3	0 V
4	9.3 V
5	0 V
6	0 V
7	0 V
8	8.4 V

IC710

PIN NO.	VOLTAGE	PIN NO.	VOLTAGE
1	1.2 V	51	3.4 V
2	3.3 V	52	3.4 V
3	0 V	53	3.4 V
4	3.4 V	54	0 V
5	1.4 V	55	0 V
6	0 V	56	0 V
7	1.3 V	57	0 V
8	0 V	58	0 V
9	0 V	59	3.4 V
10	0 V	60	3.4 V
11	3.4 V	61	3.3 V
12	3.4 V	62	3.4 V
13	1.5 V	63	0 V
14	0 V	64	0 V
15	1.4 V	65	3.4 V
16	3.4 V	66	3.4 V
17	3.4 V	67	3.3 V
18	3.3 V	68	0 V
19	0 V	69	0 V
20	3.3 V	70	3.4 V
21	0 V	71	3.4 V
22	0 V	72	3.4 V
23	3.4 V	73	3.3 V
24	0 V	74	3.3 V
25	0 V	75	0 V
26	0 V	76	3.4 V
27	3.4 V	77	3.4 V
28	0 V	78	3.4 V
29	3.3 V	79	3.4 V
30	3.3 V	80	3.4 V
31	0 V	81	3.4 V
32	0 V	82	3.4 V
33	0 V	83	3.3 V
34	0 V	84	3.4 V
35	0 V	85	3.3 V
36	3.3 V	86	0 V
37	0 V	87	0 V
38	3.4 V	88	0 V
39	3.4 V	89	3.3 V
40	0 V	90	3.3 V
41	0 V	91	3.3 V
42	0 V	92	0.6 V
43	0 V	93	1.6 V
44	3.4 V	94	0 V
45	0 V	95	3.3 V
46	3.3 V	96	0 V
47	0 V	97	3.3 V
48	0 V	98	3.3 V
49	0 V	99	3.4 V
50	0 V	100	0 V

IC712

PIN NO.	VOLTAGE
1	0.4 V
2	0 V
3	0 V
4	4.2 V
5	4.2 V
6	4.2 V
7	4.2 V
8	4.2 V
9	4.2 V
10	4.2 V
11	4.2 V
12	4.2 V
13	4.2 V
14	4.2 V
15	4.2 V
16	4.2 V
17	4.2 V
18	4.2 V
19	4.2 V
20	4.2 V
21	4.2 V
22	4.2 V
23	8.3 V
24	4.4 V

IC713

PIN NO.	VOLTAGE
1	0.4 V
2	0 V
3	0 V
4	4.2 V
5	4.1 V
6	4.1 V
7	4.1 V
8	4.2 V
9	4.1 V
10	4.1 V
11	4.1 V
12	4.1 V
13	4.1 V
14	4.1 V
15	4.1 V
16	4.1 V
17	4.2 V
18	4.1 V
19	4.1 V
20	4.1 V
21	4.2 V
22	4.2 V
23	8.3 V
24	4.9 V

IC102

PIN NO.	VOLTAGE
1	9.2 V
2	0 V
3	5 V

IC103

PIN NO.	VOLTAGE
1	5 V
2	0 V
3	3.3 V

IC901

PIN NO.	VOLTAGE	PIN NO.	VOLTAGE
1	4.9 V	51	0 V
2	2 V	52	0 V
3	0 V	53	5 V
4	2 V	54	0 V
5	0 V	55	0 V
6	0 V	56	2.7 V
7	4.8 V	57	4.8 V
8	0 V	58	2.2 V
9	0 V	59	4.9 V
10	5 V	60	0 V
11	2.3 V	61	0 V
12	2.1 V	62	0 V
13	0 V	63	4 V
14	0 V	64	0 V
15	5.3 V	65	4.8 V
16	4.9 V	66	3.3 V
17	4.4 V	67	4.9 V
18	0.3 V	68	4.8 V
19	5.2 V	69	4.9 V
20	0 V	70	4.9 V
21	0 V	71	26.3 V
22	4.6 V	72	18 V
23	4.9 V	73	23.5 V
24	4.3 V	74	26.3 V
25	0 V	75	15.2 V
26	0 V	76	20.7 V
27	3.9 V	77	23.5 V
28	0 V	78	15.2 V
29	5 V	79	0 V
30	0 V	80	23.5 V
31	0 V	81	17.9 V
32	5 V	82	26.3 V
33	5 V	83	20.7 V
34	0 V	84	23.5 V
35	5 V	85	17.9 V
36	5.2 V	86	15 V
37	4.8 V	87	26.3 V
38	4.8 V	88	26.3 V
39	4.8 V	89	26.2 V
40	0 V	90	26.2 V
41	0 V	91	26.3 V
42	0 V	92	23.5 V
43	0.3 V	93	23.6 V
44	6.4 V	94	23.5 V
45	3.4 V	95	23.5 V
46	4.9 V	96	23.5 V
47	5 V	97	23.5 V
48	5 V	98	23.5 V
49	0 V	99	23.5 V
50	2.8 V	100	23.5 V

IC501

PIN NO.	VOLTAGE
1	10.4 V
2	0.6 V
3	5.6 V

IC720

PIN NO.	VOLTAGE
1	0.4 V
2	0 V
3	0 V
4	4.2 V
5	4.2 V
6	4.1 V
7	4.1 V
8	4.2 V
9	4.1 V
10	4.1 V
11	4.1 V
12	4.1 V
13	4.1 V
14	4.1 V
15	4.1 V
16	4.1 V
17	4.2 V
18	4.1 V
19	4.1 V
20	4.1 V
21	4.2 V
22	4.2 V
23	8.3 V
24	4.9 V

IC721

PIN NO.	VOLTAGE
1	0 V
2	0 V
3	0 V
4	0 V
5	0.04 V
6	0 V
7	0 V
8	0 V

IC722

PIN NO.	VOLTAGE
1	0 V
2	0 V
3	0 V
4	0 V
5	0 V
6	0.2 V
7	0 V
8	0 V
9	0.06 V
10	0 V
11	0 V
12	0 V
13	0 V
14	0 V
15	0 V
16	0 V

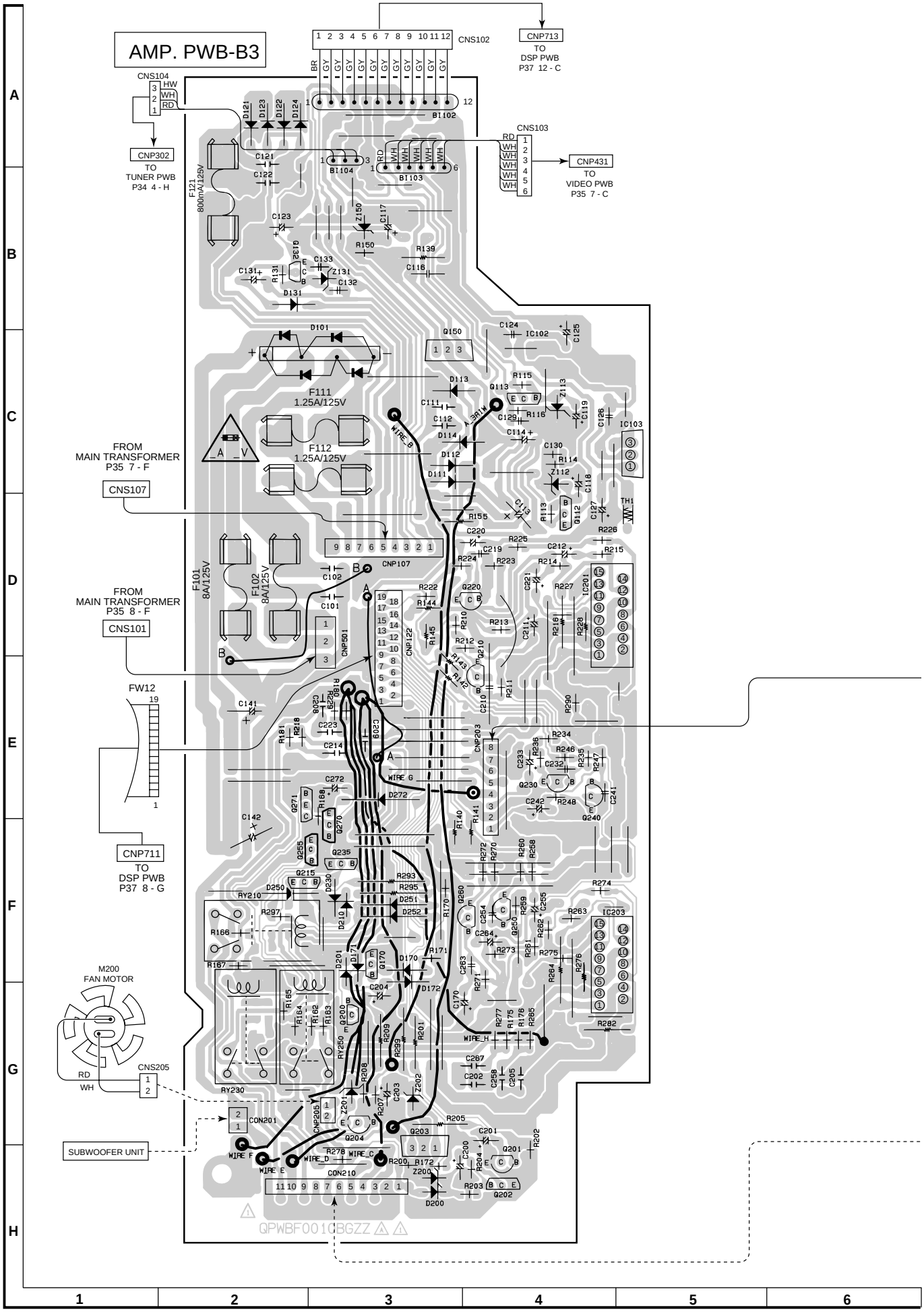
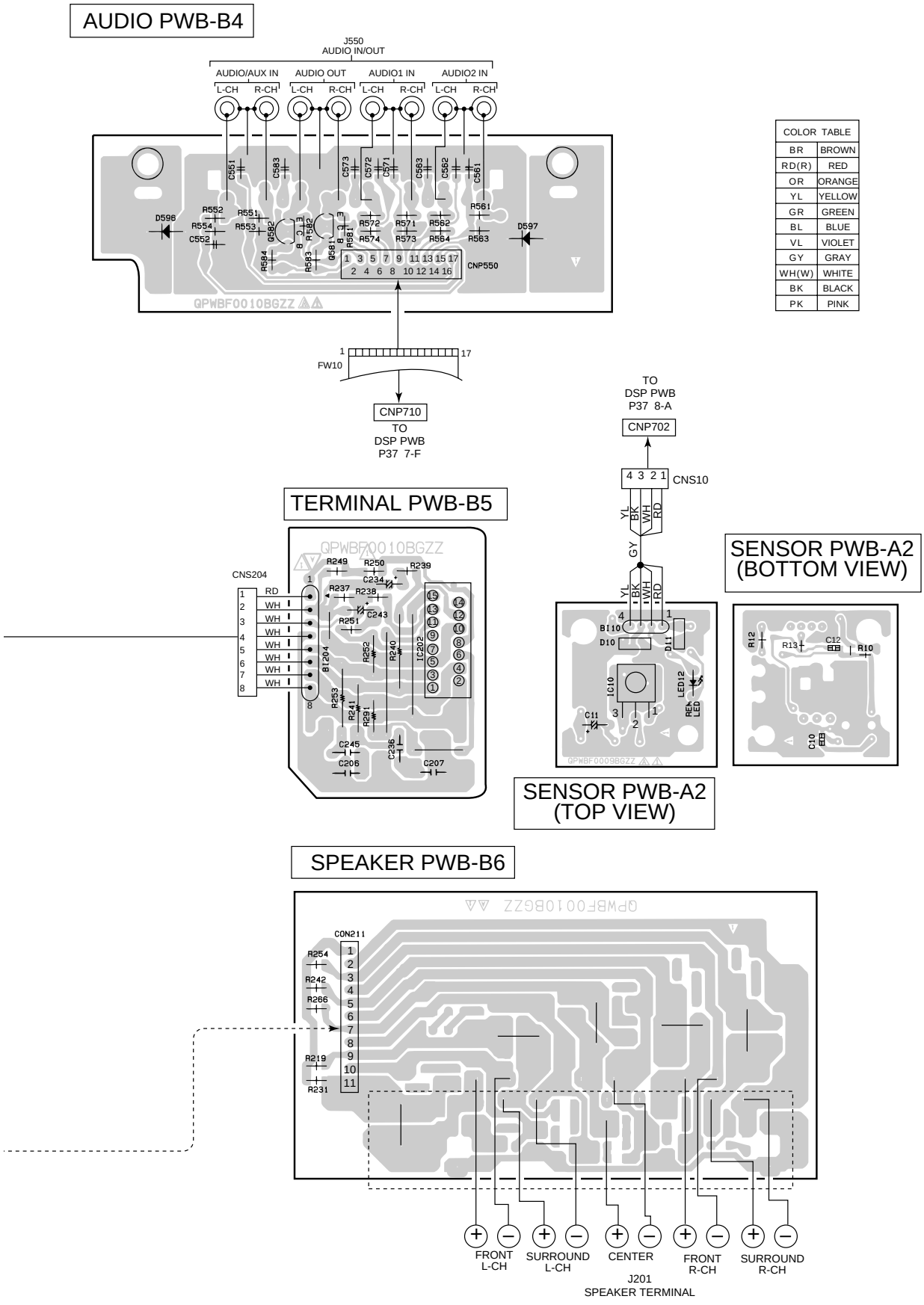


Figure 32 WIRING SIDE OF P.W.BOARD (1/6)



7	8	9	10	11	12

Figure 33 WIRING SIDE OF P.W.BOARD (2/6)

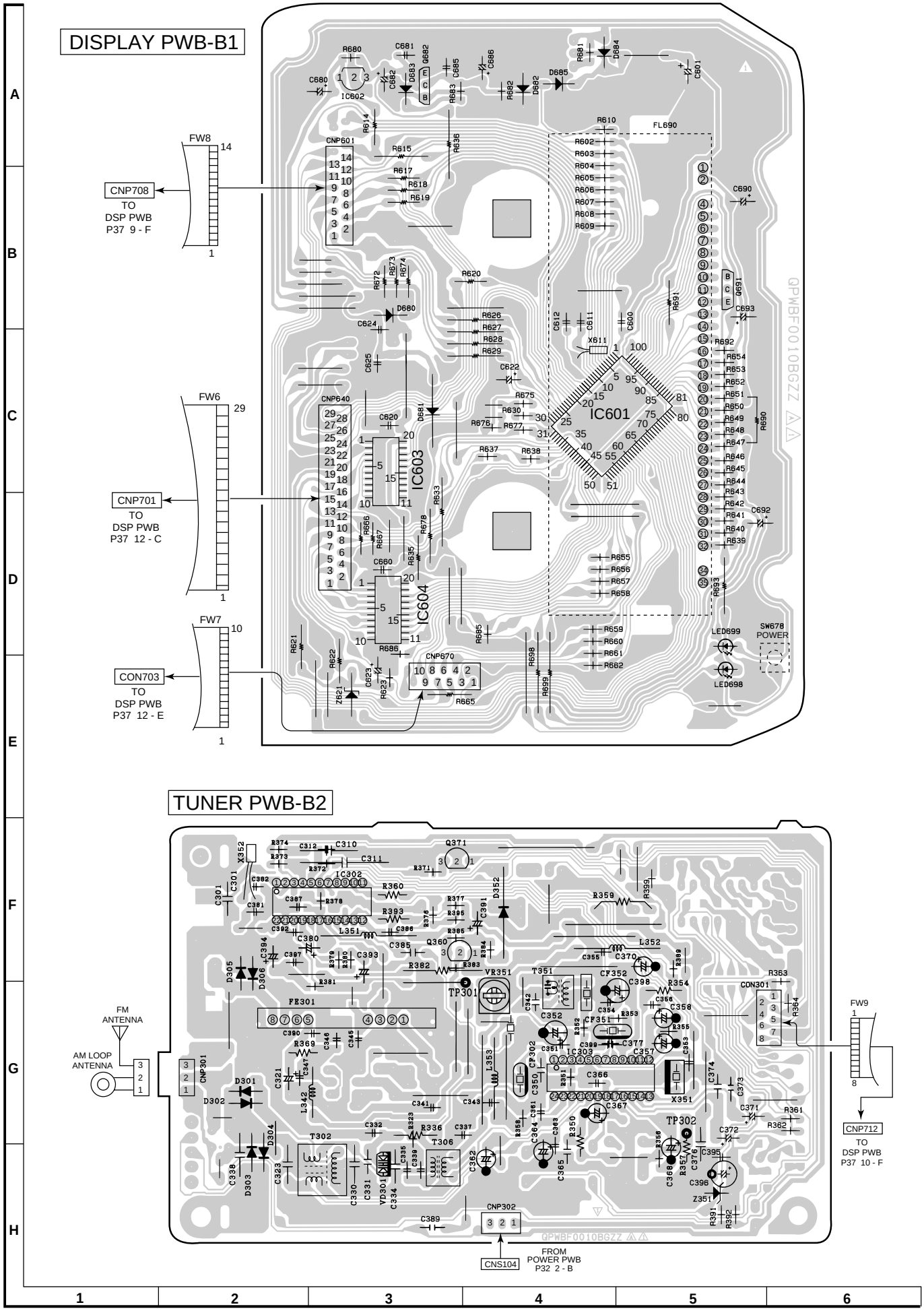
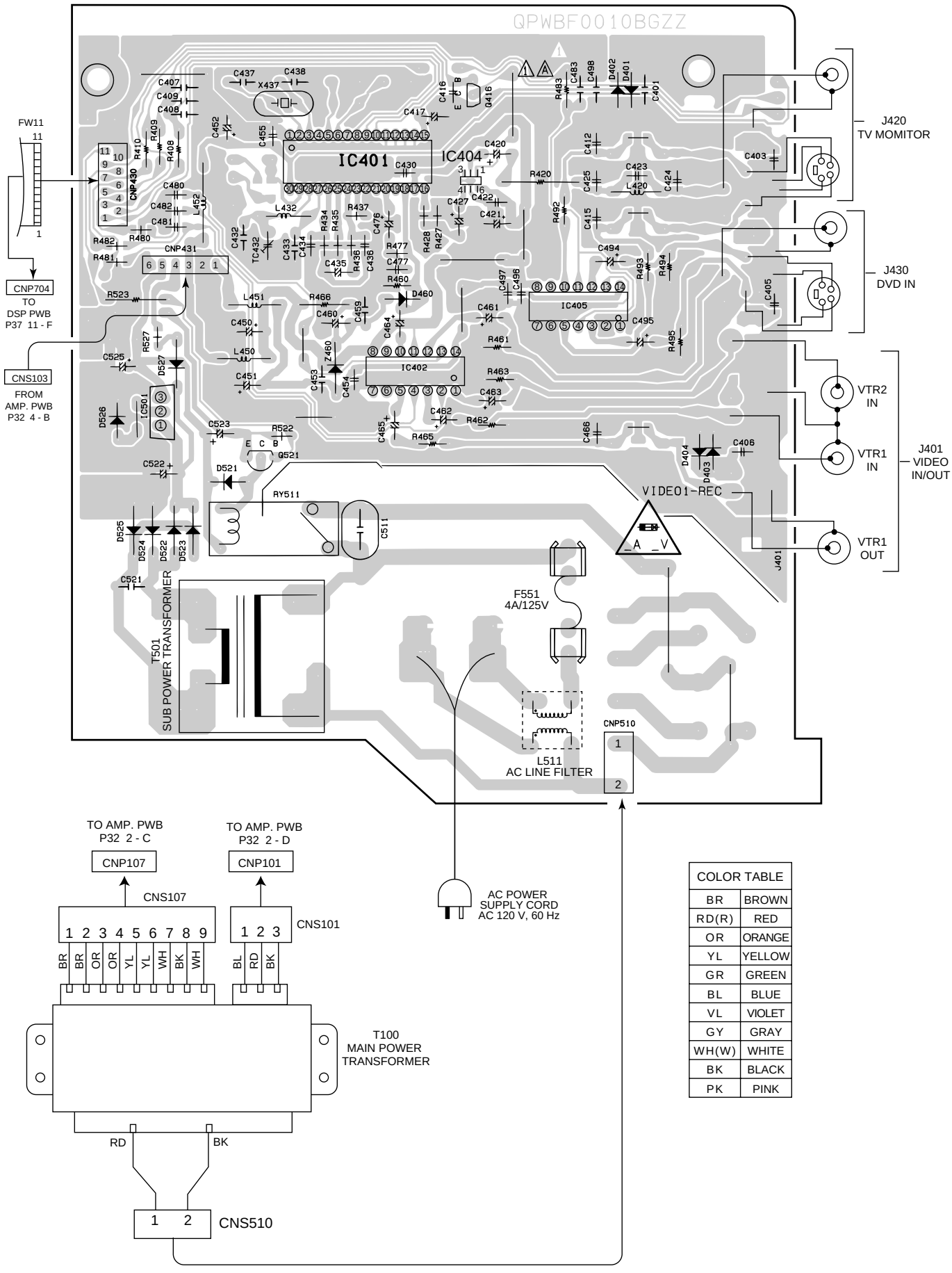


Figure 34 WIRING SIDE OF P.W.BOARD (3/6)

VIDEO PWB-B7



COLOR TABLE	
BR	BROWN
RD(R)	RED
OR	ORANGE
YL	YELLOW
GR	GREEN
BL	BLUE
VL	VIOLET
GY	GRAY
WH(W)	WHITE
BK	BLACK
PK	PINK

7	8	9	10	11	12

Figure 35 WIRING SIDE OF P.W.BOARD (4/6)

DSP PWB-A1(BOTTOM VIEW)

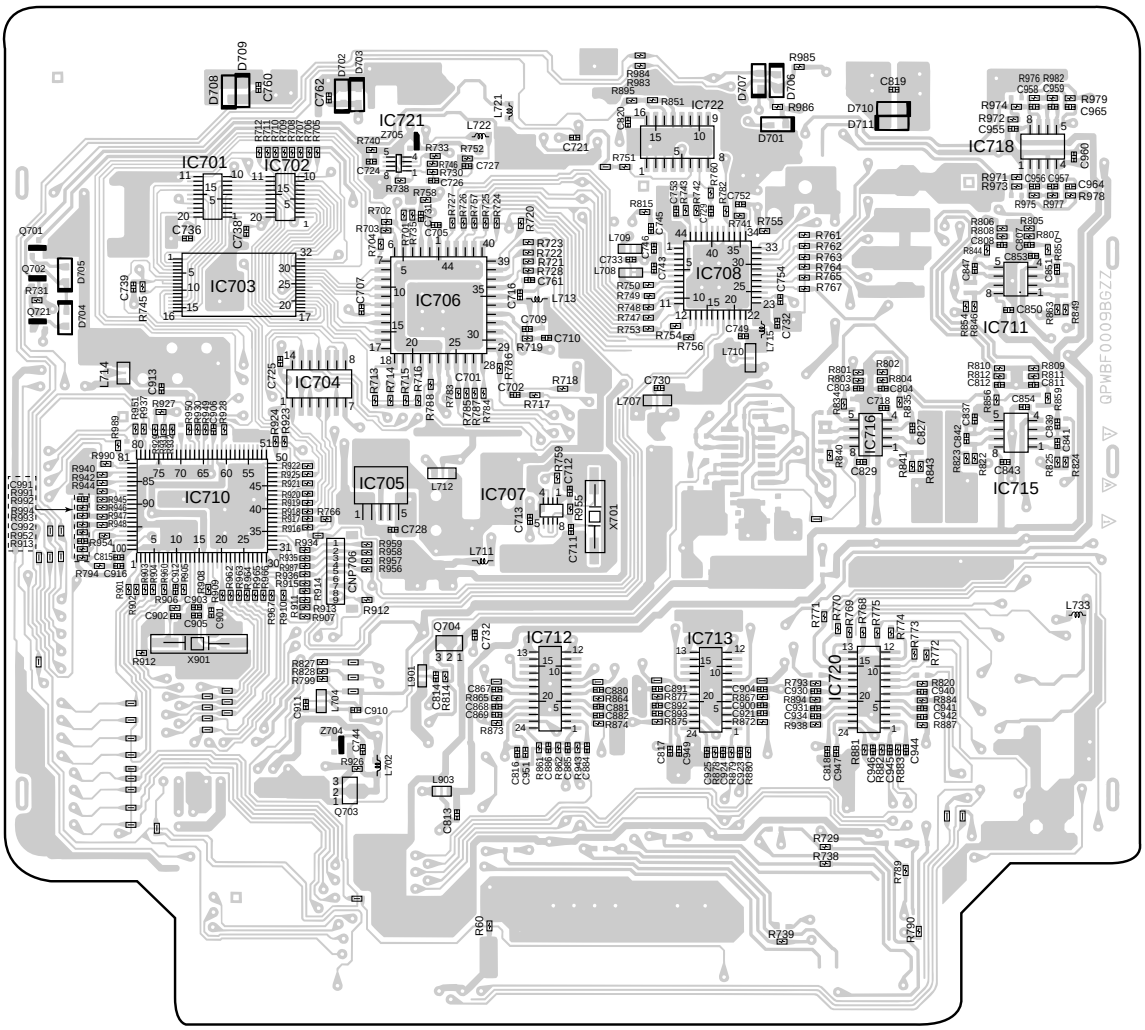
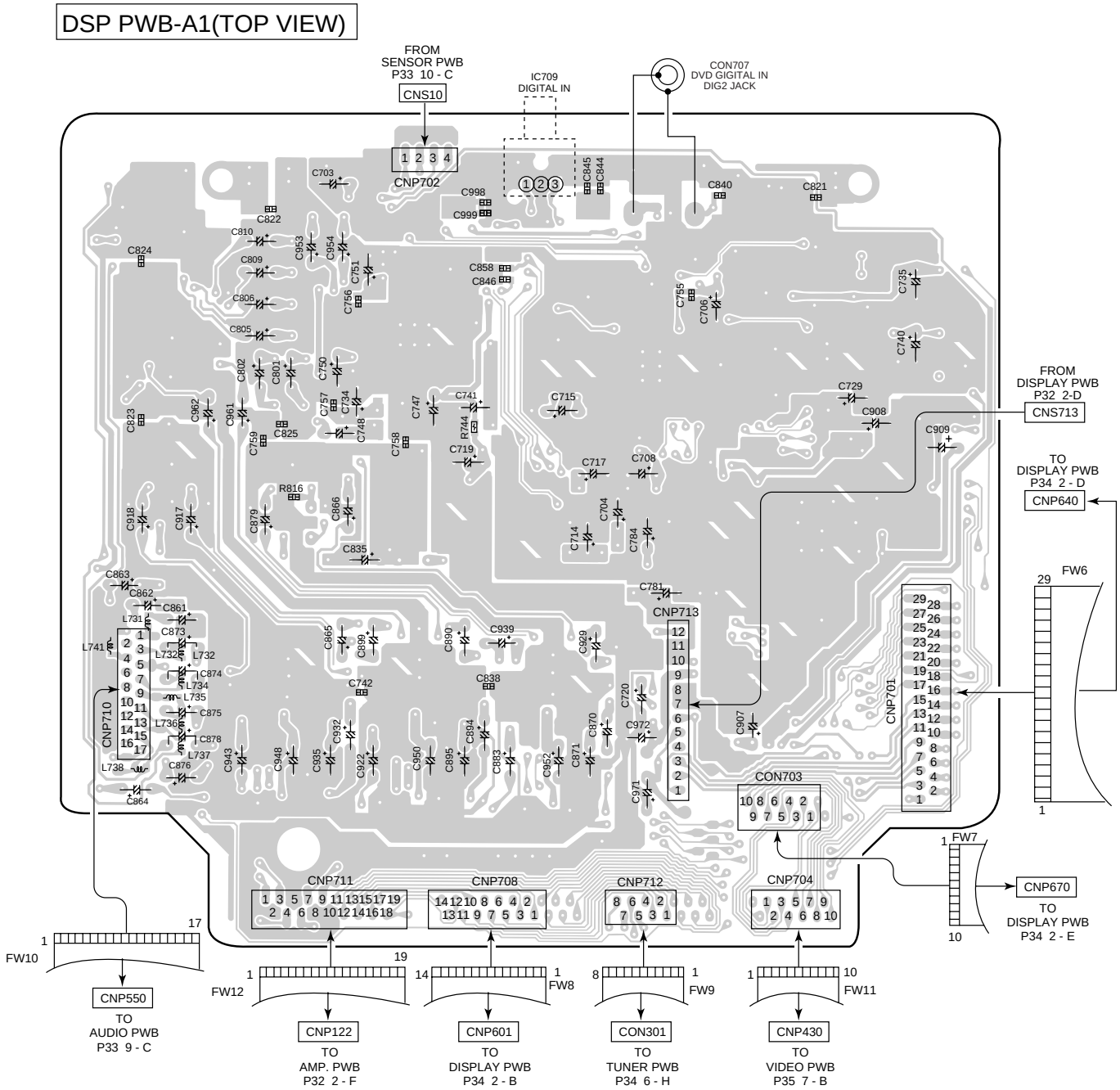


Figure 36 WIRING SIDE OF P.W.BOARD (5/6)



7	8	9	10	11	12

Figure 37 WIRING SIDE OF P.W.BOARD (6/6)

FUNCTION TABLE OF IC

IC401 VHiLC74763/-1: OSD. (LC74763)

Pin No.	Port Name	Function
1	VSS	GND.
2	XTAL IN 1	Crystal and capacitor connection in the crystal oscillator for an internal sync signal.
3	XTAL OUT 1	Crystal and capacitor connection in the crystal oscillator for an internal sync signal.
4*	HSYNC OUT	Horizontal sync signal output (AFC).
5*	XTAL IN 2	Crystal and capacitor connection in the crystal oscillator for an internal sync signal.
6*	XTAL OUT 2	Crystal and capacitor connection in the crystal oscillator for an internal sync signal
7*	VSYNC OUT	Vertical sync signal output.
8	$\overline{CS}$	Vertical sync signal output.
9	SIN	Serial data input (hysteresis input).
10	SCLK	Serial data input clock.
11	SECMA	SECAM mode switching at input.
12	$\overline{526}$/625	Scan line switching (525/625) at input.
13	$\overline{NTSC}$/PAL	Color NTSC/PAL switching.
14	3.58/4.43	3.58/4.43 MHz FSC switching.
15	$\overline{RET}$	System reset input (active="L") (hysteresis input).
16	CV OUT	Composite video signal output.
17	VDD 2	Power supply for creating composite video signal levels.
18	CV IN	Composite video signal input.
19*	CV CR	SECAM chrominance signal input.
20	SYNC IN	Video signal input in the built-in sync separation circuit.
21*	SEPC	Bias input in the built-in sync separation circuit.
22	VSS	GND.
23	PD OUT	AFC control voltage output.
24	AMP IN	Filter.
25	AMP OUT	Filter.
26	FC	AFC control voltage input.
27	VCON IN	Coil and capacitor connection in the LC oscillator for VCO.
28	VCO OUT	Coil and capacitor connection in the LC oscillator for VCO.
29*	SYNC DET	EX-NOR output by horizontal sync signals (AFC) and CSYNC (sync separation).
30	VDD 1	Power supply (+5V: digital)

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

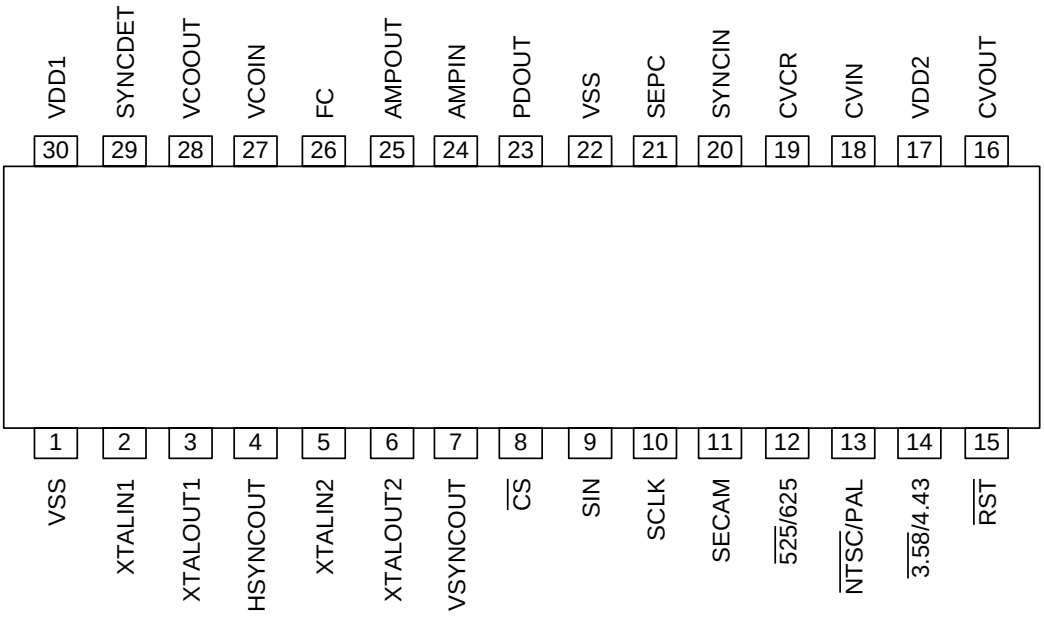


Figure 38 BLOCK DIAGRAM OF IC

IC601 RH-iX0011BGZZ: System Microcomputer (UPD780206) (1/2)

Pin No.	Port Name	Terminal Name	Input/Output	Function
1	VDD	VDD	Input	(+) Power supply.
2	P37	RDS READY	Input	RDS IC Ready.
3	P36	RDS RDCL/KARA LAC	Output	RDS IC Clock or karaoke latch.
4	P35	RDS RDDA/MIC IN	Input	RDS IC Data or mic in.
5	P34	RDS RESET	Output	RDS Reset.
6	P33	-20dBATT	Output	-20dB Attenuator.
7	P32	FAN CONT	Output	Fan control.
8	P31	CCB CE0	Output	CCB CE0.
9	P30	CCB CE1	Output	CCB CE1.
10	RESET	RESET	Input	Microcomputer reset.
11	X2	X2	Output	Main clock.
12	X1	X1	Input	Main clock.
13	VPP/IC	VPP/IC	—	GND.
14*	XT2	XT2	—	Open.
15	P04	SPN	Input	Tuner span select.
16	VDD	VDD	Input	(+) Power supply.
17	P27	CLK	Output	CCB/OSD/Karaoke clock.
18	P26	DATA	Output	CCB/OSD/Karaoke data.
19	P25	CCB DO INPUT	Input	CCB DO input.
20	P24	CCB CE2	Output	CCB CE2.
21	P23	FLD CS	Input	DSP Micom FL CONT CS.
22	P22	FLD SCK	Input	DSP Micom FL SCK.
23*	P21	OPEN	Output	Open.
24	P20	FLD SDATA	Input	DSP Micom FL CONT Stand.
25	AVSS	AVSS	—	Analog ground.
26	ANI7	POWER	Input	Power output level input
27	ANI6	PROTECT	Input	Protect input.
28	ANI5	THERMO	Input	Thermo level input.
29	ANI4	TUN SM	Input	Tuner signal meter.
30	ANI3	DIST 1	Input	Distination 1.
31	ANI2	DIST 0	Input	Distination 0.
32-33	ANI1-ANI0	KEY 1-KEY 0	Input	Key input.
34	AVDD	AVDD	Input	Analog VDD.
35	AVREF	AVREF	—	Analog ref voltage.
36	INTP3	SYS_STOP	Input	Power failure control.
37	INPT2	DSP RX-IN OUT	Output	Output to DSP microcomputer remcon input.
38	INTP1	DSP SYSTEM STOP	Output	DSP system stop output.
39	INTP0	REMOCON	Input	Remocon input.
40	VSS	VSS	—	Ground voltage.
41	P74	REM ACK LED	Output	Remocon acknolage LED.
42	P73	SMUTE	Output	System mute control.
43	P72	POWER ON LED	Output	Power on LED control.
44	P71	STAND BY LED	Output	Stand by LED control.
45	P70	DSP RESET	Output	DSP Microcomputer reset.
46	VDD	VDD	Input	(+) Power supply.
47	P127	DSP SMUTE IN	Input	DSP S-mute Signal input .
48	P126	DSP POWER IN	Input	DSP power on signal input.
49	P125	DD LED	Input	DSP D.D LED input.
50	P124	STD LED	Input	DSP STD LED input.
51	P123	DTS LED	Input	DSP DTS LED input.
52	P122	VIR LED	Input	DSP VIR LED input..

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

IC601 RH-iX0011BGZZ: System Microcomputer (UPD780206) (2/2)

Pin No.	Port Name	Terminal Name	Input/Output	Function
53	P121	DPL LED.	Input	DSP DPL LED input.
54*	P120	DVD DIG 2	Output	DVD DIG 2 : H.
55	P117	VIDEO OUT MUTE	Output	Video out mute : H.
56	P116	OSD CS 1	Output	ODS 1 IC chip select.
57	P115	OSD CS 2	Output	ODS 2 IC chip select. (H only)
58	P114	NTSC/PAL	Input	NTSC/PAL sw input.
59	P113	V SW 2	Output	Video select sw 2.
60	P112	V SW 1	Output	Video select sw 1.
61	P111	V REC MUTE	Output	Video REC mute.
62	P110	FUNC_DVD	Output	Function DVD : H, other :L.
63*	P107	FUNC_TUNER	Output	Function tuner : H, other : L.
64	P106	NO USE	Output	GND.
65*	P105	LMUTE	Output	Line out mute control.
66	P104	AC RLY	Output	AC RLY control.
67	P103	W SP RLY	Output	Subwoofer rely control.
68	P102	S SP RLY	Output	Surround speaker rely control.
69	P101	C/W SP RLY	Output	Center speaker rely control.
70	P100	F SP RLY	Output	Front speaker rely control.
71-78	FIP28-FIP21	P20-P13	Output	FL Display segment driver.
79	VLOAD	VLOAD	Output	FL driver (-) power supply. -30 V
80-91	FIP20-FIP9	P12-P1	Output	FL Display segment driver.
92-100	FIP8-FIP0	G9-G1	Output	FL Display segment driver.

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

IC710 RH-iX0489AWZZ: System Microcomputer (IX0489AW) (1/2)

Pin No.	Port Name	Terminal Name	Input/Output	Function
1	P96/ANEX1/SOUT4	FLD_SDAT	Output	Display data output to M66005FP-FL driver.
2	P95/ANEX0/CLK4	FLD_SCK	Output	Serial clock output to M66005FP-FL driver.
3	P94/DA1/TB4IN	FLD_CS	Output	CS control output to M66005FP-FL driver.
4	P93/DA0/TB3IN	FLD_RESET	Output	Reset output to M66005FP-FL driver.
5*	P92/TB2IN/SOUT3	DVD_KDATA	Output	Control data output to the DVD unit.
6	P91/TB1IN/SIN3	DVD_DATA	Input	DVD/CD/VCD data input from the DVD unit.
7*	P90/TB0IN/CLK	DVD_CLK	Output	Serial clock output to the DVD unit.
8	BYTE	BYTE	Input	Connected to VSS due to unused external bus.
9	CNVSS	FLASH_VCC	Input	Used in the single chip mode. Connected to VSS via pull-down resistance.
10	P87/XCIN	DVD_STB	Input	Strobe input from the DVD unit.
11*	P86/XCOUT	DVD_ERITE	Output	“L” - DVD microcomputer ROM write mode.
12	RESET	RESET	Input	Microcomputer reset input. Active “L”.
13	XOUT	X_OUT	Output	Microcomputer reference oscillation output.
14	VSS	GND	—	Connected to GND (VSS).
15	XIN	X_IN	Input	Microcomputer reference oscillation input
16	VCC	VCC	Input	Microcomputer power supply (3.3 V)
17	P85/MNI	FLASH_"H"	Input	Connected to VCC via pull-up resistance.
18	P84/INT2	SYS_STOP	Input	Power failure detection input. Microcomputer enters the backup mode.
19	P83/INT1	GND	—	Port processing. “L” fixed.
20	P82/INT0	RX_IN	Input	Sharp method, remote control input..
21*	P81/TA4IN/U	TIMER_LED	Output	Timer stand-by LED control.
22	P80/TA40UT/U	DD_LED	Output	Dolby digital IND.
23	P77/AT3IN	STD_LED	Output	Surround mode stanrd IND.
24	P76/TA3OUT	DTS_LED	Output	DTS IND.
25	P75/TA2IN/W	VIR_LED	Output	Surround mode virtual IND.
26	P74/TA2OUT/W	AAC_LED	Output	AAC IND.
27	P73/CTS2/RT2S/TA1IN/V	DPL_LED	Output	Dolby pro logic IND.
28	P72/CLK2/TA1OUT/V	F-CONT2	Input	Switches power supply frequency and changes oscillation frequency.
29	P71/RXD2/SCL/TA0IN/TB5IN	SCL	Output	AK4586/CXA2125Q. 12C BUS clock output.
30	P70/TXD2/SDA/TA0OUT	SDA	Input/Output	AK4586/CXA2125Q. 12C BUS data input/output.
31	P67/TXD1	FLASH_TXD	Output	Functionally not used. Normally, output “L” fixed.
32	P66/RXD1	FLASH_RXD	Output	Functionally not used. Normally, output “L” fixed.
33	P65/CLK1	FLASH_SLOCK	Output	Functionally not used. Normally, output “L” fixed.
34	P64/CTS1/RTS1/CTS0/CLKS1	FLASH_BUSY	Output	Functionally not used. Normally, output “L” fixed.
35	P63/TXD0	DSP_SCDIN	Output	DSP IC serial data output.
36	P62/RXD0	DSP_SCDOUT	Input	DSP IC serial data output.
37	P61/CLK0	DSP_SCCLK	Output	Sends DSP IC serial send/receive sync clock.
38	P60/CTS0/RTS0	DSP_CS	Input	Sends DSP IC serial send/receive strobe.
39	P57/RDY/CLKOUT	DSP_RESET	Output	DSP IC RESET output.
40*	P56/ALE	L-MUTE	Output	VCR OUT audio mute output.
41	P55/HOLD	FLASH_EPM	Input	Connected to VSS via pull-down resistance.
42	P54/HLDA	AUDITION	Input	Audition model select input.
43*	P53/BCLK	F_CONT	Output	Switches power supply frequency and changes oscillation frequency.
44*	P52/RD	FM_STB	Output	When function is set to “FM Stereo” or “FM MONO”: “L”. Otherwise: “H”.
45	P51/WRH/BHE	DSP_UC15	Output	External ROM for DSP download program.
46	P50/WRL/WR	FLASH_CE	Input	Connected to VCC via pull-up resistance.
47	P47/CS3	DSP_UC16	Output	External ROM for DSP download program.
48	P46/CS2	DSP_UC17	Output	External ROM for DSP download program.
49	P45/CS1	ASPECT	Input	DVD unit aspect ratio data input.
50	P44/CS0	V-MODE	Input	Video mode select SW input terminal.
51*	P43/A19	V_SEL1	Output	Connected to video output selector, SW1.

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

IC710 RH-iX0489AWZZ: System Microcomputer (IX0489AW) (2/2)

Pin No.	Port Name	Terminal Name	Input/Output	Function
52*	P42/A18	V_SEL2	Output	Connected to video output selector, SW2.
53*	P41/A17	V_SEL3	Output	Connected to video output selector, SW4.
54*	P40A16	V_SEL4	Output	Connected to video output selector, SW5.
55*	P37/A15	V_DATA	Output	Data output for electronic Vol IC control signal.
56*	P36/A14	VOL_STB	Output	Strobe output for electronic Vol IC control signal.
57*	P35/A13	VOL_CLK	Output	Clock output for electronic Vol IC control signal.
58*	P34/A12	DOOR_SPED	Output	DVD/CD door speed switch ouput
59*	P33/A11	DOOR_M+	Output	Control output of CD/DVD mechanism door OPEN/CLOSE control motor.
60*	P32/A10	DOOR_M-	Output	Control output of CD/DVD mechanism door OPEN/CLOSE control motor.
61	P31/A9	DOOR_OP	Input	CD/DVD mechanism door OPEN SW input.
62	VCC	VCC	Input	Microcomputer power supply (3.3 V).
63	PP30/A8(/-/D7)	DOOR_CL	Input	CD/DVD mechanism door CLOSE SW input.
64	VSS	GND	Output	Connected to GND (VSS).
65	P27/A7(/D7/D6)	ROM	Output	ROM/RAM enable control output on DSP PWB.
66	P26/A6(D6/D5)	DSP_AB00T	Output	DSP auto boot control terminal. Auto boot starts by “L” setting at DSP RESET.
67	P25/A5(/D5/D4)	OFFSET	Input	Detection input of 1-bit AMP ΔΣ IC’s output offset voltage error.
68*	P24/A4(/D4/D3)	A/D_RESET	Output	1-bit AMP’s ΔΣ IC reset control output.
69*	P23/A3(/D3/D2)	DVD_+B	Output	Output of power control and DIG signal switch to the DVD unit.
70*	P22/A2(/D2/D1)	DIG_FUNC+B	Output	Power control output for external DIG input.
71*	P21/A1(/D1/D0)	BASS-SW	Output	Output for subwoofer amp gain control.
72	P20/A0(/D0/-)	S_MUTE	Output	System mute control output.
73	P17/D15/INT5	A/D_REMONI	Input	1-bit AMP’s ΔΣ IC reset monitor output (Schmitt).
74	P16/D14/INT4	DSP_INTREQ	Input	DSP data reception request signal output.
75	P15/D13/INT3	H. P_SW	Input	Headphone SW detection input.
76*	P14/D12	-B_CONT	Output	1-bit AMP’s +B power control relay control output.
77*	P13/D11	FAN_MOTOR	Output	Output for cooling fan motor rotation control.
78	P12/D10	POWER	Output	Primary power relay control ouput.
79	P11/D9	W_SP_RLY	Output	Subwoofer speaker relay output.
80	P10/D8	S_SP_RLY	Output	Surround speaker relay output.
81	P07/D7	C_SP_RLY	Output	center speaker relay output.
82	P06/D6	F_SP_RLY	Output	Front speaker relay output
83	P05/D5	POWER_KEY	Input	Power operation key input.
84	P04/D4	TU_MUTE	Output	Tuner mute output.
85	P03/D3	CCB_DO	Input	Serial data input from Sanyo CCB device.
86	P02/D2	CCB_CL	Output	Serial clock output from Sanyo CCB device
87	P01/D1	CCB_DI	Output	Serial command data output from Sanyo CCB device
88	P00/D0	CCB_CE	Output	CE control output from Sanyo CCB device.
89	P107/AN7/K13	TUNER_SM	Input	A/D downloading, field strength comparison detect input.
90	P106/AN6/K12	SD_ST_IN	Input	A/D downloading. Tuner tuning, stereo signal detect..
91	P105/AN5/K1	PROTECT	Input	A/D downloading. System error detection input.
92	P104/AN4/KI0	AREA	Input	A/D downloading. Destination setup for tuner band.
93	P103/AN3	TV_TYPA	Input	Sets the TV type by A/D downloading.
94	P102/AN2	DOOR_PROT	Input	Finger pinching detection input by CD/DVD mechanism door.
95	P101/KEY2	AVSS	Input	A/D downloading, main unit key input 2.
96	AVSS	GND	Input	VSS terminal of A/D converter.
97	P100/ANP/	KEY1	Input	A/D downloading, main unit key input 1.
98	PVREF	VREF	Input	Reference voltage input terminal of A/D converter.
99	AVCC	AVCC	Input	Power supply input terminal of A/D converter.
100	P97/ADTRG/SIN 4	GND	Input	Port processing. “L” fixed. (Not used.).

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

IC708 VHIAK4586VQ-1: ADC/DAC/DIR Converter (AK4586VQ)

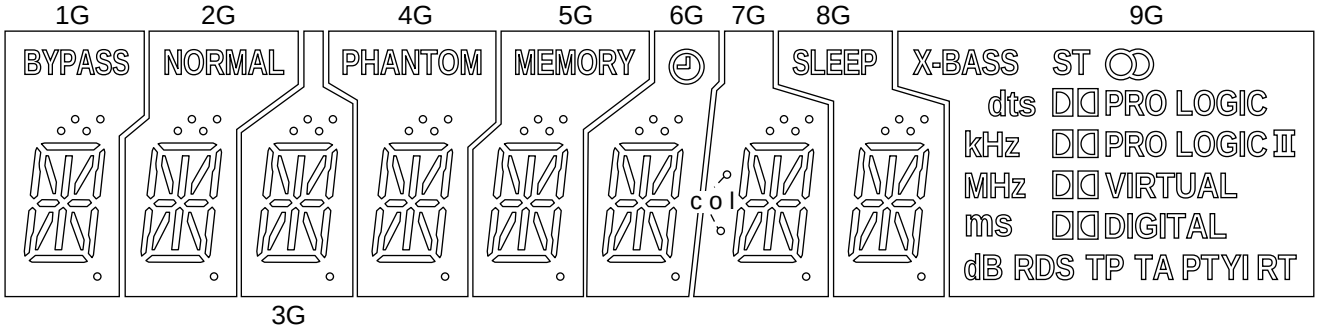
Pin No.	Port Name	Input/Output	Function
1*	XTO	OUtput	Crystal vibrator output.
2	XTI EXTCLE	Input Input	Crystal vibrator input. Master clock input.
3	TVDD	Input	Power supply for output buffer, 2.7-5.5 V.
4	DVSS	—	Digital GND pin, 0 V.
5	DVDD	Input	Digital power supply, 4.5-5.5 V.
6*	TX	Output	Transmit channel (through data) output.
7	MCKO	Output	Master clock output.
8	LRCK	Input/Output	Input/output channel clock.
9	BICK	Input/Output	Audio serial data clock.
10	SDTO	Output	Audio serial data output.
11	SDTI 1	Input	DAC 1 audio serial data input.
12	SDTI 2	Input	DAC 2 audio serial data input.
13	SDTI 3	Input	DAC 3 audio serial data input.
14*	INT 0	Output	Interrupt 0.
15*	INT 1	Output	Interrupt 1.
16	CDTO	Output	Control data output.
	CAD 1	Input	Chip address 1.
17	CDTI	Input	Control data input.
	SDA	Input/Output	Control data input/output.
18	CCLK	Input	Control data clock.
	SCL	Input	Control data clock.
19	CNS	Input	Chip select.
	CAD 0	Input	Chip address 0
20*	DZF 2	Output	Zero input detect 2. (Note 1) When input data in the group 2 is “0” continuously over 8192 times or RSTN bit is “0”: “H”.
	OVF	Output	Analog input overflow detect. (Note 1) When analog input of Lch or Rch overflows: “H”
21	AVSS	—	Analog GND pin, 0 V.
22	AVDD	Input	Analog power supply, 4.5-5.5 V.
23	VREFH	Input	Reference voltage input, AVDD.
24	VCOM	Output	Common voltage output, AVDD/2.
25*	DZF1	Output	Zero input detect.
26	LOUT 3	Output	DAC 3 L channel analog output.
27	ROUT 3	Output	DAC 3 R channel analog output.
28	LOUT 2	Output	DAC 2 L channel analog output.
29	ROUT 2	Output	DAC 2 R channel analog output.
30	LOUT 1	Output	DAC 1 L channel analog output.
31	ROUT 1	Output	DAC 1 L channel analog output.
32	LIN	Input	L channel analog input.
33	RIN	Input	R channel analog input.
34	PVDD	Input	PLL power supply, 4.5-5.5 V.
35	R	—	External resistance.
36	PVSS	—	PLL GND pin, 0 V.
37	RX4	Input	Receiver channel input 4 (internal bias pin).
38	SLAVE	Input	Slave mode.
39*	RX2	Input	Receiver channel input 3 (internal bias pin).
40	TST	Input	Test pin.
41	RX2	Input	Receiver channel input 2 (internal bias pin).
42	I2C	Input	Serial control mode select.
43*	RX1	Input	Receiver channel input 1 (internal bias pin).
44	PDN	Input	Power down & reset.

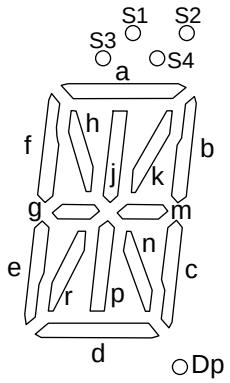
In this unit,LOUT 3minal with asterisk mark (*) is (open) terminal which is not connected to the outside.

FL DISPLAY

FL690 VVKHNA9SS32-1

GRID ASSIGNMENT





(1G - 8G)

ANODE CONNECTION

	1G	2G	3G	4G	5G	6G	7G	8G	9G
P1	BYPASS	NORMAL	–	PHANTOM	MEMORY	◴	col	SLEEP	PTYI
P2	S2	S2	S2	S2	S2	S2	S2	S2	–
P3	S1	S1	S1	S1	S1	S1	S1	S1	TA
P4	S3	S3	S3	S3	S3	S3	S3	S3	TP
P5	S4	S4	S4	S4	S4	S4	S4	S4	RDS
P6	a	a	a	a	a	a	a	a	RT
P7	b	b	b	b	b	b	b	b	◯◯
P8	k	k	k	k	k	k	k	k	ST
P9	j	j	j	j	j	j	j	j	X-BASS
P10	h	h	h	h	h	h	h	h	dts
P11	f	f	f	f	f	f	f	f	kHz
P12	m	m	m	m	m	m	m	m	DD PRO LOGIC
P13	d	d	d	d	d	d	d	d	MHz
P14	g	g	g	g	g	g	g	g	ms
P15	p	p	p	p	p	p	p	p	dB
P16	e	e	e	e	e	e	e	e	DD PRO LOGIC II
P17	n	n	n	n	n	n	n	n	DD VIRTUAL
P18	r	r	r	r	r	r	r	r	DD DIGITAL
P19	c	c	c	c	c	c	c	c	–
P20	Dp	Dp	Dp	Dp	Dp	Dp	Dp	Dp	–

SHARP PARTS GUIDE

HOME CINEMA COMMAND

MODEL HT-CN300(S)

HT-CN300 Home Cinema Command consisting of HT-CN300 (main unit), CP-CN300F (front speakers), CP-CN300C (center speaker) and CP-CN300R (surround speakers).

HOME CINEMA COMMAND

MODEL HT-CN300(BK)

HT-CN300 Home Cinema Command consisting of HT-CN300 (main unit), CP-CN300F (front speakers), CP-CN300C (center speaker) and CP-CN300R (surround speakers).

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following information.

1. MODEL NUMBER
2. REF. No.
3. PART NO.
4. DESCRIPTION

★ MARK: SPARE PARTS-DELIVERY SECTION

For U.S.A. only

Contact your nearest SHARP Parts Distributor to order.

For location of SHARP Parts Distributor,
Please call Toll-Free;
1-800-BE-SHARP

Explanation of capacitors/resistors parts codes

Capacitors

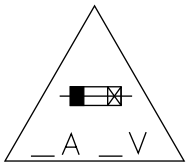
VCC ..... Ceramic type
VCK..... Ceramic type
VCT ..... Semiconductor type
VC • • MF ..... Cylindrical type (without lead wire)
VC • • MN ..... Cylindrical type (without lead wire)
VC • • TV ..... Square type (without lead wire)
VC • • TQ ..... Square type (without lead wire)
VC • • CY ..... Square type (without lead wire)
VC • • CZ ..... Square type (without lead wire)
VC • • • • • • • • • J .. The 13th character represents capacity difference.
("J" ±5%, "K" ±10%, "M" ±20%, "N" ±30%,
"C" ±0.25 pF, "D" ±0.5 pF, "Z" +80-20%.)

If there are no indications for the electrolytic capacitors, error is ±20%.

Resistors

VRD ..... Carbon-film type
VRS..... Carbon-film type
VRN ..... Metal-film type
VR • • MF ..... Cylindrical type (without lead wire)
VR • • MN ..... Cylindrical type (without lead wire)
VR • • TV ..... Square type (without lead wire)
VR • • TQ ..... Square type (without lead wire)
VR • • CY ..... Square type (without lead wire)
VR • • CZ ..... Square type (without lead wire)
VR • • • • • • • • • J .. The 13th character represents error.
("J" ±5%, "F" ±1%, "D" ±0.5%.)

If there are no indications for other parts, the resistors are ±5% carbon-film type.



CAUTION:FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH SAME TYPE F101,102 8A, 125V/ F111,112 1.25A, 125V/F121 800mA, 125V/F511 4A, 125V

ATTENTION:POUR ASSURER UNE LONGUE PROTECTION CONTRE UN INCENDIE, REMPLACER SEULEMENT PAR UN FUSIBLE DE TYPE F101,102 8A, 125V/F111,112 1.25A, 125V/F121 800mA, 125V/F511 4A, 125V

NOTE:
Parts marked with "⚠" are important for maintaining the safety of the set.
Be sure to replace parts with specified ones for maintaining the safety and performance of the set.

HT-CN300

NO.	PART CODE	★	PRICE RANK	DESCRIPTION

HT-CN300

INTEGRATED CIRCUITS

IC10	VHLGP1UM261-1	J	AH	Remote Sensor,GP1UM261
IC103	VHIBA033T//-1	J	AH	Voltage Regulator,BA033T
IC201~203	VHILM4766T/-1	J	AX	Power Amp.,LM4766T
IC302	VHILC72131/-1	J	AP	PLL (Tuner),LC72131
IC303	VHILA1832S/-1	J	AN	FM IF Det./FM Mpx./AM IF, LA1832S
IC401	VHILC74763/-1	J	AV	OSD,LC74763
IC402	VHINJM2279D-1	J	AT	Video Switch,NJM2279D
IC404	VHITK15406M-1	J	AK	Video Driver,TK15406M
IC405	VHINJM2279D-1	J	AT	Video Switch,NJM2279D
IC501	VHIKA7805AP-1	J	AF	Voltage Regulator,KA7805AP
IC601	RH-IX0011BGZZ	J	AV	System Microcomputer, UPD780206
IC602	VHIKA7042AP-1	J	AF	Voltage Regulator,KA7042AP
IC603,604	VHIVHC541AF-1	J	AK	Buffer Amp.,VHC541AF
IC701,702	VHITVHC574T-1	J	AM	Latch,TVHC574T
IC703	VHIMX27L212-1	J	AZ	EPROM,MX27L212
IC704	VHI74HC07AF-1	J	AF	Buffer Amp.,74HC07AF
IC705	VHIPQ025EZ-1L	J	AK	Voltage Regulator,PQ025EZ
IC706	VHICS493292-1	J	BR	DSP,CS493292
IC707	VHITC7WU04U-1	J	AG	Dual2-Input Nand Gate, TC7WU04U
IC708	VHIAK4586VQ-1	J	BC	ADC/DAC/DIR Converter, AK4586VQ
IC709	VHPGP1FA550R1	J	AH	Digital In,GP1FA550R
IC710	RH-IX0489AWZZ	J	AZ	System Microcomputer, IX0489AW
IC711	VHINJM4580M-1	J	AE	Ope Amp.,NJM4580M
IC712,713	VHILC75341M-1	J	AM	Audio Processor,LC75341M
IC715,716	VHINJM4580M-1	J	AE	Ope Amp.,NJM4580M
IC718	VHINJM4580M-1	J	AE	Ope Amp.,NJM4580M
IC720	VHILC75341M-1	J	AM	Audio Processor,LC75341M
IC721	VHITC7WU04U-1	J	AG	Dual2-Input Nand Gate, TC7WU04U
IC722	VHI74HC153F-1	J	AH	Digital Switch,74HC153

TRANSISTORS

Q112,113	VSKTA1274Y/-1	J	AE	Silicon,PNP,KTA1274 Y
Q132	VSKTA1274Y/-1	J	AE	Silicon,PNP,KTA1274 Y
Q150	VSKTC2026//-1	J	AF	Silicon,NPN,KTC2026
Q170	VSKRC107M//-1	J	AC	Digital,NPN,KRC107 M
Q200	VSKRC107M//-1	J	AC	Digital,NPN,KRC107 M
Q201	VSKTC3203Y/-1	J	AC	Silicon,NPN,KTC3203 Y
Q202	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q203	VS2SB1565F/-1	J	AG	Silicon,PNP,2SB1565 F
Q204	VSKTA1271Y/-1	J	AC	Silicon,PNP,KTA1271 Y
Q210	VS2SC2878B/-1	J	AC	Silicon,NPN,2SC2878 B
Q215	VSKRC105M//-1	J	AC	Digital,NPN,KRC105 M
Q220	VS2SC2878B/-1	J	AC	Silicon,NPN,2SC2878 B
Q230	VS2SC2878B/-1	J	AC	Silicon,NPN,2SC2878 B
Q235	VSKRC105M//-1	J	AC	Digital,NPN,KRC105 M
Q240	VS2SC2878B/-1	J	AC	Silicon,NPN,2SC2878 B
Q250	VS2SC2878B/-1	J	AC	Silicon,NPN,2SC2878 B
Q255	VSKRC105M//-1	J	AC	Digital,NPN,KRC105 M
Q260	VS2SC2878B/-1	J	AC	Silicon,NPN,2SC2878 B
Q270,271	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q360	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q371	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q416	VSKRC107M//-1	J	AC	Digital,NPN,KRC107 M
Q521	VSKTC3198GR-1	J	AC	Silicon,NPN,KTC3198 GR
Q581,582	VSKTC3198GR-1	J	AC	Silicon,NPN,KTC3198 GR
Q682	VSKRC107M//-1	J	AC	Digital,NPN,KRC107 M
Q691	VSKRC107M//-1	J	AC	Digital,NPN,KRC107 M
Q701	VSKRA107S//-1	J	AB	Digital,NPN,KRA107 S
Q702	VSKRC107S//-1	J	AB	Digital,NPN,KRC107 S
Q703,704	VS2SD1898//-1	J	AF	Silicon,NPN,2SD1898
Q721	VSKRA107S//-1	J	AB	Digital,NPN,KRA107 S

DIODES

D10,11	VHDKDS160//-1	J	AB	Silicon,KDS160
D101	VHDTS6B04GM-1	J	AP	Silicon,TS6B04GM
D111~114	VHD1N4004S/-1	J	AB	Silicon,1N4004S
D121~124	VHD1N4004S/-1	J	AB	Silicon,1N4004S
D131	VHD1N4004S/-1	J	AB	Silicon,1N4004S
D170~172	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D200,201	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D210	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D230	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D250~252	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D272	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D299	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D301~306	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D352	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D401~404	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D460	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D521	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D522~525	VHD1N4004S/-1	J	AB	Silicon,1N4004S
D526	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D527	VHD1N4004S/-1	J	AB	Silicon,1N4004S
D596,597	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D680~683	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D684	VHD1N4004S/-1	J	AB	Silicon,1N4004S
D685	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
D701~711	VHDKDS160//-1	J	AB	Silicon,KDS160
D712~714	VHDKDS160//-1	J	AB	Silicon,KDS160
LED12	VHP333ID213-1	J	AC	LED,Red,333ID213
LED698	VHPEL204GT/-1	J	AD	LED,Green,EL204GT
LED699	VHPEL204HT/-1	J	AD	LED,Red,EL204HT
Z112	VHEDZ100BSB-1	J	AB	Zener,10V,DZ10BSB
Z113	VHEDZ5R6BSB-1	J	AC	Zener,5.6V,DZ5.6BSB
Z131	VHEDZ270BSB-1	J	AC	Zener,27V,DZ27BSB
Z150	VHEDZ100BSB-1	J	AB	Zener,10V,DZ10BSB
Z200	VHEDZ5R1BSB-1	J	AC	Zener,5.1V,DZ5.1BSB
Z201	VHEDZ3R9BSB-1	J	AC	Zener,3.9V,DZ3.9BSB
Z202	VHEDZ6R2BSB-1	J	AC	Zener,6.2V,DZ6.2BSB
Z351	VHEDZ5R1BSB-1	J	AC	Zener,5.1V,DZ5.1BSB
Z460	VHEDZ6R2BSB-1	J	AC	Zener,6.2V,DZ6.2B
Z621	VHEDZ6R2BSB-1	J	AC	Zener,6.2V,DZ6.2BSB
Z704	VHE02CZ3R9X-1	J	AB	Zener,3.9V,02CZ3.9X
Z705	VHE02CZ5R1X-1	J	AD	Zener,02CZ5.1X

FILTERS

CF302	RFILF0124AFZZ	J	AD	FM IF,10.7 MHz
CF351	RFILF0003AWZZ	J	AK	FM IF
CF352	RFILA0009AWZZ	J	AE	AM IF

TRANSFORMERS

⚠	T100	RTRNP0007BGZZ	J	BD	Power,Main with CNS101/ CNS107/CNS510
	T302	RCILA0062AWZZ	J	AC	AM Tracking
	T306	RCILB0066AWZZ	J	AD	OSC.AM
	T351	RCILI0019AWZZ	J	AD	AM IF
⚠	T501	RTRNP0312AWZZ	J	AM	Power,Sub

COILS

L342	VP-DH2R2K0000	J	AB	2.2 µH,Peaking
L351,352	VP-DH101K0000	J	AB	100 µH,Choke
L353	VP-DH102K0000	J	AB	1 mH,Choke
L420	VP-DH2R2K0000	J	AB	2.2 µH,Peaking
L432	VP-DH5R6K0000	J	AB	5.6 µH,Choke
L450~452	VP-DH101K0000	J	AB	100 µH,Choke
⚠ L511	RCILZ0021AWZZ	J	AF	AC Line Filter
L702	RCILC0007AWZZ	J	AD	2.2 µH,Choke
L704	RCILC0007AWZZ	J	AD	2.2 µH,Choke
L707~710	RBLN-0058TAZZ	J		Coil
L711	RCILC0007AWZZ	J	AD	2.2 µH,Choke
L712,713	RBLN-0058TAZZ	J		Coil
L714,715	RCILC0007AWZZ	J	AD	2.2 µH,Choke
L721,722	RCILC0007AWZZ	J	AD	2.2 µH,Choke
L731~738	RBLN-0058TAZZ	J		Coil
L741	RBLN-0058TAZZ	J		Coil
L901	RCILC0007AWZZ	J	AD	2.2 µH,Choke
L903	RCILC0007AWZZ	J	AD	2.2 µH,Choke

VARIABLE RESISTOR

VR351	RVR-M0026AWZZ	J	AC	10 kohm (B),Semi-VR [FM Mute Level]

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
VARIABLE CAPACITORS				
TC432	RTO-H1016CEZZ	J		Trimmer,20P
VD301	VHCSVC348S/-1	J	AK	Variable Capacitance,SVC348S
VIBRATORS				
X351	92LCRSTL1425A	J	AF	Crystal,456 kHz
X352	RCRSP0002AWZZ	J	AH	Crystal,4.5 MHz
X437	RCRSP0001BGZZ	J	AG	Crystal,14.32 MHz
X611	RCRSP0003AWZZ	J	AH	Crystal
X701	RCRSC0003AWZZ	J	AH	Crystal,12.288 MHz
X901	RCRSC0004AWZZ	J	AG	Crystal,8.38 MHz
CAPACITORS				
C10	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C11	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C101,102	VCQYKA1HM473K	J	AB	0.047 µF,50V,Mylar
C111,112	VCQYKA1HM473K	J	AB	0.047 µF,50V,Mylar
C113	RC-GZG688AF1C	J	AH	6800 µF,16V,Electrolytic
C114	RC-GZG228AF1C	J	AE	2200 µF,16V,Electrolytic
C116	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C117	RC-GZA477AF1C	J	AC	470 µF,16V,Electrolytic
C118,119	RC-GZA226AF1H	J	AB	22 µF,50V,Electrolytic
C121,122	VCQYKA1HM473K	J	AB	0.047 µF,50V,Mylar
C123	RC-GZG228AF1C	J	AE	2200 µF,16V,Electrolytic
C124	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C125	RC-GZA476AF1A	J	AB	47 µF,10V,Electrolytic
C126	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C127	RC-GZA476AF1A	J	AB	47 µF,10V,Electrolytic
C129,130	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C131	RC-GZA227AF1J	J	AC	220 µF,63V,Electrolytic
C132,133	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C141,142	RC-GZG688AF1H	J	AP	6800 µF,50V,Electrolytic
C170	RC-GZA107AF1A	J	AB	100 µF,10V,Electrolytic
C200	RC-GZA476AF1A	J	AB	47 µF,10V,Electrolytic
C201	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C202	VCFYFA1HA224J	J	AC	0.22 µF,50V,Thin Film
C203	RC-GZA476AF1H	J	AB	47 µF,50V,Electrolytic
C204	RC-GZA107AF1A	J	AB	100 µF,10V,Electrolytic
C205~209	VCFYFA1HA224J	J	AC	0.22 µF,50V,Thin Film
C210	VCKYMN1HB102K	J	AA	0.001 µF,50V
C211	VCE9AA1HF105M	J	AC	1 µF,50V,Electrolytic,Non-polar
C212	VCE9AA1VF226M	J	AC	22 µF,35V,Electrolytic,Non-Polar
C214	VCFYFA1HA224J	J	AC	0.22 µF,50V,Thin Film
C219	VCKYMN1HB102K	J	AA	0.001 µF,50V
C220	VCE9AA1HF105M	J	AC	1 µF,50V,Electrolytic,Non-polar
C221	VCE9AA1VF226M	J	AC	22 µF,35V,Electrolytic,Non-Polar
C223	VCFYFA1HA224J	J	AC	0.22 µF,50V,Thin Film
C232	VCKYMN1HB102K	J	AA	0.001 µF,50V
C233	VCE9AA1HF105M	J	AC	1 µF,50V,Electrolytic,Non-polar
C234	VCE9AA1VF226M	J	AC	22 µF,35V,Electrolytic,Non-Polar
C236	VCFYFA1HA224J	J	AC	0.22 µF,50V,Thin Film
C241	VCKYMN1HB102K	J	AA	0.001 µF,50V
C242	VCE9AA1HF105M	J	AC	1 µF,50V,Electrolytic,Non-polar
C243	VCE9AA1VF226M	J	AC	22 µF,35V,Electrolytic,Non-Polar
C245	VCFYFA1HA224J	J	AC	0.22 µF,50V,Thin Film
C254	VCKYMN1HB102K	J	AA	0.001 µF,50V
C255	VCE9AA1HF105M	J	AC	1 µF,50V,Electrolytic,Non-polar
C256	VCE9AA1VF226M	J	AC	22 µF,35V,Electrolytic,Non-Polar
C258	VCFYFA1HA224J	J	AC	0.22 µF,50V,Thin Film
C263	VCKYMN1HB102K	J	AA	0.001 µF,50V
C264	VCE9AA1HF105M	J	AC	1 µF,50V,Electrolytic,Non-polar
C265	VCE9AA1VF226M	J	AC	22 µF,35V,Electrolytic,Non-Polar
C267	VCFYFA1HA224J	J	AC	0.22 µF,50V,Thin Film
C272	RC-GZA476AF1H	J	AB	47 µF,50V,Electrolytic
C301	VCKYBT1HB102K	J	AA	0.001 µF,50V
C310,311	VCKYBT1HB101K	J	AA	100 pF,50V
C312	VCKYMN1HB101K	J	AA	100 pF,50V
C321	RC-GZA107AF1C	J	AB	100 µF,16V,Electrolytic
C323	VCTYBT1EF223Z	J	AA	0.022 µF,25V
C330	VCCUBT1HJ120J	J	AA	12 pF (UJ),50V
C331	VCKZPA1HF473Z	J	AA	0.047 µF,50V
C332	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C334	VCCUBT1HJ150J	J	AA	15 pF (UJ),50V
C335	VCKYMN1HB331K	J	AA	330 pF,50V
C337	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C338	VCKYBT1HB102K	J	AA	0.001 µF,50V
C339	VCKYMN1HB101K	J	AA	100 pF,50V

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
C341,342	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C343	VCCSMN1HL330J	J	AA	33 pF,50V
C345~347	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C350	VCKZPA1HF473Z	J	AA	0.047 µF,50V
C351	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C352	RC-GZA106AF1H	J	AB	10 µF,50V,Electrolytic
C353,354	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C355	VCCSMN1HL220J	J	AA	22 pF,50V
C356	VCKYMN1HB102K	J	AA	0.001 µF,50V
C357	RC-GZA225AF1H	J	AB	2.2 µF,50V,Electrolytic
C358	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C361	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C362	RC-GZA335AF1H	J	AB	3.3 µF,50V,Electrolytic
C363	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C364	RC-GZA475AF1H	J	AB	4.7 µF,50V,Electrolytic
C365	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C366	VCKYMN1HB102K	J	AA	0.001 µF,50V
C367,368	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C370~372	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C373,374	VCTYPA1CX333K	J	AA	0.033 µF,16V
C376	VCTYBT1EF223Z	J	AA	0.022 µF,25V
C377	VCKZPA1HF473Z	J	AA	0.047 µF,50V
C380	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C381	VCCCMN1HH120J	J	AA	12 pF (CH),50V
C382	VCCCMN1HH150J	J	AA	15 pF (CH),50V
C385	VCTYPA1CX103K	J	AA	0.01 µF,16V
C386	VCKYMN1HB331K	J	AA	330 pF,50V
C387	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C389	VCKYPA1HB102K	J	AA	0.001 µF,50V
C390	VCKYMN1HB102K	J	AA	0.001 µF,50V
C391	RC-GZA476AF1E	J	AB	47 µF,25V,Electrolytic
C392	VCKYMN1HB102K	J	AA	0.001 µF,50V
C393	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C394	RC-GZA476AF1E	J	AB	47 µF,25V,Electrolytic
C395	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C396	RC-GZA107AF1A	J	AB	100 µF,10V,Electrolytic
C397	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C398	RC-GZA107AF1A	J	AB	100 µF,10V,Electrolytic
C399	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C403	VCKYMN1HB102K	J	AA	0.001 µF,50V
C406	VCKYMN1HB102K	J	AA	0.001 µF,50V
C407~409	VCKYPA1HB101K	J	AA	100 pF,50V
C412	VCCSMN1HL470J	J	AA	47 pF,50V
C415	VCCSMN1HL470J	J	AA	47 pF,50V
C416	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C417	RC-GZA475AF1H	J	AB	4.7 µF,50V,Electrolytic
C420	RC-GZA477AF0J	J	AB	470 µF,6.3V,Electrolytic
C421	RC-GZA336AF1C	J	AB	33 µF,16V,Electrolytic
C422	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C423	VCKYMN1HB101K	J	AA	100 pF,50V
C424	VCKYMN1HB221K	J	AA	220 pF,50V
C425	VCCSMN1HL300J	J	AA	30 pF,50V
C427	RC-GZA475AF1H	J	AB	4.7 µF,50V,Electrolytic
C430	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C432,433	VCCCPU1HH240J	J	AA	24 pF (CH),50V
C434	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C435	VCE9AA1HF105M	J	AC	1 µF,50V,Electrolytic,Non-polar
C436	VCTYMN1CX682K	J	AA	0.0068 µF,16V
C437	VCCCPA1HH200J	J	AA	20 pF (CH),50V
C438	VCCCPU1HH220J	J	AA	22 pF (CH),50V
C450~452	RC-GZA107AF1C	J	AB	100 µF,16V,Electrolytic
C453	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C454,455	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C459	VCKZPA1HF223Z	J	AA	0.022 µF,50V
C460	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C461~463	RC-GZA336AF1C	J	AB	33 µF,16V,Electrolytic
C464	RC-GZA107AF1C	J	AB	100 µF,16V,Electrolytic
C465	RC-GZA477AF0J	J	AB	470 µF,6.3V,Electrolytic
C466	VCCSMN1HL470J	J	AA	47 pF,50V
C476	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C477	VCTYMN1CX122K	J	AA	0.0012 µF,16V
C480~482	VCKYMN1HB102K	J	AA	0.001 µF,50V
C483	VCKYPA1HB102K	J	AA	0.001 µF,50V
C494,495	RC-GZA336AF1C	J	AB	33 µF,16V,Electrolytic
C496,497	VCTYMN1EF223Z	J	AA	0.022 µF,25V
⚠ C511	RC-KZ002LAWZZ	J	AC	0.0047 µF,250V,Ceramic
C521	VCQYKA1HM473K	J	AB	0.047 µF,50V,Mylar
C522	RC-GZA477AF1V	J	AD	470 µF,35V,Electrolytic
C523	RC-GZA108AF0J	J	AC	1000 µF,6.3V,Electrolytic
C525	RC-GZA107AF1C	J	AB	100 µF,16V,Electrolytic
C551,552	VCCSMN1HL470J	J	AA	47 pF,50V
C561,562	VCCSMN1HL470J	J	AA	47 pF,50V

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NO.	PART CODE	★	PRICE RANK	DESCRIPTION
C563	VCKYMN1HB102K	J	AA	0.001 µF,50V
C571,572	VCCSMN1HL470J	J	AA	47 pF,50V
C573	VCKYMN1HB102K	J	AA	0.001 µF,50V
C583	VCKYMN1HB102K	J	AA	0.001 µF,50V
C600	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C601	RC-GZA108AF0J	J	AC	1000 µF,6.3V,Electrolytic
C611	VCCCMN1HH120J	J	AA	12 pF (CH),50V
C612	VCCCMN1HH180J	J	AA	18 pF (CH),50V
C620	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C622	RC-GZA475AF1H	J	AB	4.7 µF,50V,Electrolytic
C623	RC-GZA476AF1H	J	AB	47 µF,50V,Electrolytic
C624,625	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C660	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C671	RC-GZA227AF0J	J	AB	220 µF,6.3V,Electrolytic
C680	RC-GZA106AF1H	J	AB	10 µF,50V,Electrolytic
C681	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C682	RC-GZA335AF1H	J	AB	3.3 µF,50V,Electrolytic
C685	VCTYMN1EF223Z	J	AA	0.022 µF,25V
C686	RC-GZA104AF1H	J	AB	0.1 µF,50V,Electrolytic
C690	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C692	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C693	RC-GZA107AF1A	J	AB	100 µF,10V,Electrolytic
C701,702	VCKYCY1EF104Z	J	AA	0.1 µF,25V
C703	RC-GZA106AF1A	J	AC	10 µF,10V,Electrolytic
C704	RC-GZA226AF1C	J	AB	22 µF,16V,Electrolytic
C705	VCKYCY1EF104Z	J	AA	0.1 µF,25V
C706	RC-GZA226AF1C	J	AB	22 µF,16V,Electrolytic
C707	VCKYCY1EF104Z	J	AA	0.1 µF,25V
C708	RC-GZA226AF1C	J	AB	22 µF,16V,Electrolytic
C709	VCKYCY1HB471K	J	AA	470 pF,50V
C710	VCKYCY1HB103K	J	AA	0.01 µF,50V
C711,712	VCCCCY1HH220J	J	AA	22 pF (CH),50V
C713	VCKYCY1EF104Z	J	AA	0.1 µF,25V
C714	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C715	RC-GZA225AF1H	J	AB	2.2 µF,50V,Electrolytic
C716	VCKYCY1EF104Z	J	AA	0.1 µF,25V
C717	RC-GZA226AF1C	J	AB	22 µF,16V,Electrolytic
C718	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C719	RC-GZA107AF0J	J	AB	100 µF,6.3V,Electrolytic
C720	RC-GZA107AF1C	J	AB	100 µF,16V,Electrolytic
C721	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C724	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C725	VCKYCY1EB223K	J	AB	0.022 µF,25V
C726	VCKYCY1HB103K	J	AA	0.01 µF,50V
C727	VCCCCY1HH101J	J	AA	100 pF (CH),50V
C728	VCKYCY1EF104Z	J	AA	0.1 µF,25V
C729	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C730	VCKYCY1EB223K	J	AB	0.022 µF,25V
C731	VCKYCY1EF104Z	J	AA	0.1 µF,25V
C732,733	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C734	VCKYCY1EF104Z	J	AA	0.1 µF,25V
C735	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C736	VCKYCY1EB223K	J	AB	0.022 µF,25V
C738	VCKYCY1EB223K	J	AB	0.022 µF,25V
C739	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C740	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C741	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C742	VCCCTV1HH271J	J	AA	270 pF (CH),50V
C743,744	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C745,746	VCKYCY1EF104Z	J	AA	0.1 µF,25V
C747,748	RC-GZA476AF1A	J	AB	47 µF,10V,Electrolytic
C749	VCKYCY1EF104Z	J	AA	0.1 µF,25V
C750	RC-GZA225AF1H	J	AB	2.2 µF,50V,Electrolytic
C751	RC-GZA476AF1A	J	AB	47 µF,10V,Electrolytic
C752~754	VCKYCY1EF104Z	J	AA	0.1 µF,25V
C755~758	VCCCTV1HH680J	J	AA	68 pF (CH),50V
C759	VCCCTV1HH271J	J	AA	270 pF (CH),50V
C760	VCKYCY1HB224K	J	AD	0.22 µF,50V
C761	VCCCCY1HH220J	J	AA	22 pF (CH),50V
C762	VCKYCY1HF102Z	J	AA	0.001 µF,50V
C781	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C782	VCKYCY1EF104Z	J	AA	0.1 µF,25V
C784	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C785	VCKYTV1HB222K	J	AA	0.0022 µF,50V
C801,802	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C803,804	VCKYCY1EB153K	J	AA	0.015 µF,25V
C805,806	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C807,808	VCKYCY1EB153K	J	AA	0.015 µF,25V
C809,810	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C811,812	VCKYCY1EB153K	J	AA	0.015 µF,25V
C813,814	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C815	VCKYCY1EF104Z	J	AA	0.1 µF,25V

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
C816~818	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C819	VCKYCY1HB102K	J	AA	0.001 µF,50V
C820	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C821,822	VCCCTV1HH680J	J	AA	68 pF (CH),50V
C823~825	VCCCTV1HH271J	J	AA	270 pF (CH),50V
C826	VCCCCY1HH470J	J	AA	47 pF (CH),50V
C827	VCCCCY1HH101J	J	AA	100 pF (CH),50V
C829	VCKYCY1EB223K	J	AB	0.022 µF,25V
C837	VCCCCY1HH101J	J	AA	100 pF (CH),50V
C838	VCCCTV1HH271J	J	AA	270 pF (CH),50V
C839	VCCCCY1HH101J	J	AA	100 pF (CH),50V
C840	VCCCTV1HH680J	J	AA	68 pF (CH),50V
C843	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C844	VCCCTV1HH271J	J	AA	270 pF (CH),50V
C845,846	VCCCTV1HH680J	J	AA	68 pF (CH),50V
C847	VCCCCY1HH101J	J	AA	100 pF (CH),50V
C850	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C851	VCCCCY1HH101J	J	AA	100 pF (CH),50V
C853,854	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C858	VCCCTV1HH680J	J	AA	68 pF (CH),50V
C861~866	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C867	VCKYCY1HB272K	J	AA	0.0027 µF,50V
C868	VCKYCY1HB104K	J	AD	0.1 µF,50V
C869	VCKYCY1HB104K	J	AD	0.1 µF,50V
C870,871	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C873~876	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C878,879	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C880	VCKYCY1HB272K	J	AA	0.0027 µF,50V
C881,882	VCKYCY1HB104K	J	AD	0.1 µF,50V
C883	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C884~886	VCCCCY1HH101J	J	AA	100 pF (CH),50V
C890	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C891	VCKYCY1HB272K	J	AA	0.0027 µF,50V
C892,893	VCKYCY1HB104K	J	AD	0.1 µF,50V
C894,895	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C899	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C900	VCKYCY1HB104K	J	AD	0.1 µF,50V
C901	VCKYCY1HB224K	J	AD	0.22 µF,50V
C902,903	VCCCCY1HH150J	J	AA	15 pF (CH),50V
C904	VCKYCY1HB272K	J	AA	0.0027 µF,50V
C905	VCCCCY1HH180J	J	AA	18 pF (CH),50V
C906	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C907	RC-GZA476AF1A	J	AB	47 µF,10V,Electrolytic
C908	RC-GZA476AF1C	J	AB	47 µF,16V,Electrolytic
C909	RC-GZA108AF0J	J	AC	1000 µF,6.3V,Electrolytic
C910	VCKYCY1EB223K	J	AB	0.022 µF,25V
C911	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C912	VCCCCY1HH470J	J	AA	47 pF (CH),50V
C913	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C916	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C917,918	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C921	VCKYCY1HB104K	J	AD	0.1 µF,50V
C922	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C923~925	VCCCCY1HH101J	J	AA	100 pF (CH),50V
C929	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C930	VCKYCY1HB272K	J	AA	0.0027 µF,50V
C931	VCKYCY1HB104K	J	AD	0.1 µF,50V
C932	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C934	VCKYCY1HB104K	J	AD	0.1 µF,50V
C935	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C939	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C940	VCKYCY1HB272K	J	AA	0.0027 µF,50V
C941,942	VCKYCY1HB104K	J	AD	0.1 µF,50V
C943	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C944~946	VCCCCY1HH101J	J	AA	100 pF (CH),50V
C947	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C948	RC-GZA107AF1C	J	AB	100 µF,16V,Electrolytic
C949	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C950	RC-GZA107AF1C	J	AB	100 µF,16V,Electrolytic
C951	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C952	RC-GZA107AF1C	J	AB	100 µF,16V,Electrolytic
C953,954	RC-GZA106AF1C	J	AB	10 µF,16V,Electrolytic
C955	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C956	VCCCCY1HH151J	J	AA	150 pF (CH),50V
C957	VCCCCY1HH101J	J	AA	100 pF (CH),50V
C958	VCCCCY1HH151J	J	AA	150 pF (CH),50V
C959	VCCCCY1HH101J	J	AA	100 pF (CH),50V
C960	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C961,962	RC-GZA105AF1H	J	AB	1 µF,50V,Electrolytic
C964,965	VCCCCY1HH561J	J	AB	560 pF (CH),50V
C971	RC-GZA107AF1C	J	AB	100 µF,16V,Electrolytic
C972	RC-GZA227AF1C	J	AB	220 µF,16V,Electrolytic

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
C991,992	VCKYCY1EF223Z	J	AB	0.022 µF,25V
C998	VCCCTV1HH680J	J	AA	68 pF (CH),50V
C999	VCCCTV1HH271J	J	AA	270 pF (CH),50V

RESISTORS

	VRD-MN2BD000C	J	AA	0 ohm,Jumper,ø1.4×3.5mm,Ivory
	VRS-CY1JB000J	J	AA	0 ohm,Jumper,0.8×1.55mm,Green
R10	VRS-CY1JB101J	J	AA	100 ohm,1/16W
R12	VRS-CY1JB681J	J	AA	680 ohms,1/16W
R13	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R113	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R114	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R115	VRD-MN2BD681J	J	AA	680 ohms,1/8W
R116	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R131	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R139	VRD-ST2EE100J	J	AA	10 ohm,1/4W
R140~145	VRD-ST2CD104J	J	AA	100 kohm,1/6W
R150	VRD-MN2BD331J	J	AA	330 ohms,1/8W
R155	VRD-RT2HD3R3J	J	AA	3.3 ohms,1/2W
R162~168	VRD-MN2BD563J	J	AA	56 kohms,1/8W
R170	VRD-MN2BD822J	J	AA	8.2 kohms,1/8W
R171	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R172	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
R175,176	VRD-MN2BD100J	J	AA	10 ohm,1/8W
R180,181	VRD-MN2BD100J	J	AA	10 ohm,1/8W
R200	VRD-MN2BD824J	J	AA	820 kohms,1/8W
R201	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R202	VRD-MN2BD224J	J	AA	220 kohms,1/8W
R203	VRD-MN2BD272J	J	AA	2.7 kohms,1/8W
R204	VRD-MN2BD474J	J	AA	470 kohms,1/8W
R205	VRS-VV3AA150J	J		15 ohms,1W
R209	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R210	VRD-MN2BD821J	J	AA	820 ohms,1/8W
R211	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R212	VRD-MN2BD101J	J	AA	100 ohm,1/8W
R213	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R214	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R215	VRD-MN2BD221J	J	AA	220 ohms,1/8W
R216	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R218	VRD-MN2BD100J	J	AA	10 ohm,1/8W
R219	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R222	VRD-MN2BD821J	J	AA	820 ohms,1/8W
R223	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R224	VRD-MN2BD101J	J	AA	100 ohm,1/8W
R225	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R226	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R227	VRD-MN2BD221J	J	AA	220 ohms,1/8W
R228	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R229	VRD-MN2BD100J	J	AA	10 ohm,1/8W
R231	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R234	VRD-MN2BD821J	J	AA	820 ohms,1/8W
R235	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R236	VRD-MN2BD101J	J	AA	100 ohm,1/8W
R237	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R238	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R239	VRD-MN2BD221J	J	AA	220 ohms,1/8W
R240	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R241	VRD-ST2EE4R7J	J	AA	4.7 ohms,1/4W
R242	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R246	VRD-MN2BD821J	J	AA	820 ohms,1/8W
R247	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R248	VRD-MN2BD101J	J	AA	100 ohm,1/8W
R249	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R250	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R251	VRD-MN2BD221J	J	AA	220 ohms,1/8W
R252	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R253	VRD-ST2EE4R7J	J	AA	4.7 ohms,1/4W
R254	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R258	VRD-MN2BD821J	J	AA	820 ohms,1/8W
R259	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R260	VRD-MN2BD101J	J	AA	100 ohm,1/8W
R261	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R262	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R263	VRD-MN2BD221J	J	AA	220 ohms,1/8W
R264	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R265	VRD-MN2BD100J	J	AA	10 ohm,1/8W
R266	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R270	VRD-MN2BD821J	J	AA	820 ohms,1/8W
R271	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R272	VRD-MN2BD101J	J	AA	100 ohm,1/8W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
R273	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R274	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R275	VRD-MN2BD271J	J	AA	270 ohms,1/8W
R276	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R277	VRD-MN2BD100J	J	AA	10 ohm,1/8W
R278	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R282	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R290	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R291	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R293	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R295	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R297	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R301	VRD-ST2CD820J	J	AA	82 ohms,1/6W
R323	VRD-MN2BD683J	J	AA	68 kohms,1/8W
R336	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R345	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R350	VRD-ST2CD272J	J	AA	2.7 kohms,1/6W
R351	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R352	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R353	VRD-MN2BD271J	J	AA	270 ohms,1/8W
R354	VRD-ST2CD392J	J	AA	3.9 kohms,1/6W
R355	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R356	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R357	VRD-ST2CD474J	J	AA	470 kohms,1/6W
R358	VRD-MN2BD822J	J	AA	8.2 kohms,1/8W
R359	VRD-ST2CD182J	J	AA	1.8 kohms,1/6W
R360	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
R361,362	VRD-MN2BD182J	J	AA	1.8 kohms,1/8W
R363,364	VRD-MN2BD272J	J	AA	2.7 kohms,1/8W
R369	VRD-ST2CD470J	J	AA	47 ohms,1/6W
R370	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R371	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R372~374	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R376	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R377	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R378	VRD-MN2BD823J	J	AA	82 kohms,1/8W
R379	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R380	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W
R381	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R382	VRD-ST2EE151J	J	AA	150 ohms,1/4W
R383~385	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R386	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R386	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R389	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
R391,392	VRD-MN2BD221J	J	AA	220 ohms,1/8W
R393	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R395	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R399	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R408~410	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R420	VRD-ST2CD750J	J	AA	75 ohms,1/6W
R427	VRD-MN2BD272J	J	AA	2.7 kohms,1/8W
R428	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R434	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R435	VRD-MN2BD121J	J	AA	120 ohms,1/8W
R436	VRD-MN2BD682J	J	AA	6.8 kohms,1/8W
R437	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W
R460	VRD-ST2CD153J	J	AA	15 kohms,1/6W
R461~463	VRD-ST2CD750J	J	AA	75 ohms,1/6W
R465	VRD-ST2CD750J	J	AA	75 ohms,1/6W
R466	VRD-ST2EE102J	J	AA	1 kohm,1/4W
R477	VRD-MN2BD221J	J	AA	220 ohms,1/8W
R480~482	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R483	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R492~495	VRD-ST2CD750J	J	AA	75 ohms,1/6W
R522	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R523	VRD-ST2CD101J	J	AA	100 ohm,1/6W
R527	VRD-MN2BD3R3J	J	AA	3.3 ohms,1/8W
R551,552	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
R553,554	VRD-MN2BD393J	J	AA	39 kohms,1/8W
R561,562	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
R563,564	VRD-MN2BD393J	J	AA	39 kohms,1/8W
R571,572	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
R573,574	VRD-MN2BD393J	J	AA	39 kohms,1/8W
R581,582	VRD-MN2BD272J	J	AA	2.7 kohms,1/8W
R583,584	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R602~610	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R614	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R615	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R617~620	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R621,622	VRD-ST2EE470J	J	AA	47 ohms,1/4W
R623	VRD-MN2BD123J	J	AA	12 kohms,1/8W
R626~629	VRD-ST2CD102J	J	AA	1 kohm,1/6W

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
R630	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R633	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R635	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R636	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R637,638	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W
R639~654	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R655~662	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R665	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R666,667	VRD-ST2CD332J	J	AA	3.3 kohms,1/6W
R672	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R674	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R675~677	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R678	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R680	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R682	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R683	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R685,686	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R690	VRD-RT2HD3R3J	J	AA	3.3 ohms,1/2W
R691	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R692	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R693	VRD-ST2CD330J	J	AA	33 ohms,1/6W
R694	VRD-ST2CD334J	J	AA	330 kohms,1/6W
R698	VRD-ST2CD301J	J	AA	300 ohms,1/6W
R699	VRD-ST2CD152J	J	AA	1.5 kohms,1/6W
R701,702	VRS-CY1JB332J	J	AA	3.3 kohms,1/16W
R703,704	VRS-CY1JB472J	J	AA	4.7 kohms,1/16W
R705~712	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R713	VRS-CY1JB472J	J	AA	4.7 kohms,1/16W
R714,715	VRS-CY1JB332J	J	AA	3.3 kohms,1/16W
R716	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R717	VRS-CY1JB101J	J	AA	100 ohm,1/16W
R718	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R719	VRS-CY1JB333J	J	AA	33 kohms,1/16W
R720	VRS-CY1JB331J	J	AA	330 ohms,1/16W
R721~723	VRS-CY1JB472J	J	AA	4.7 kohms,1/16W
R724~726	VRS-CY1JB331J	J	AA	330 ohms,1/16W
R727	VRS-CY1JB101J	J	AA	100 ohm,1/16W
R728	VRS-CY1JB470J	J	AA	47 ohms,1/16W
R729,730	VRS-CY1JB331J	J	AA	330 ohms,1/16W
R731	VRS-CY1JB473J	J	AA	47 kohms,1/16W
R733	VRS-CY1JB331J	J	AA	330 ohms,1/16W
R735	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R736,737	VRS-CY1JB331J	J	AA	330 ohms,1/16W
R738	VRS-CY1JB333J	J	AA	33 kohms,1/16W
R739	VRS-CY1JB331J	J	AA	330 ohms,1/16W
R740	VRS-CY1JB473J	J	AA	47 kohms,1/16W
R741	VRS-CY1JB183J	J	AA	18 kohms,1/16W
R742,743	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R744	RCILC0007AWZZ	J	AD	2.2 µH,Choke
R745	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R746	VRS-CY1JB104J	J	AA	100 kohm,1/16W
R747~749	VRS-CY1JB331J	J	AA	330 ohms,1/16W
R750	VRS-CY1JB101J	J	AA	100 ohm,1/16W
R751	VRS-CY1JB471J	J	AA	470 ohms,1/16W
R752	VRS-CY1JB820J	J	AA	82 ohms,1/16W
R753,754	VRS-CY1JB331J	J	AA	330 ohms,1/16W
R755	VRS-CY1JB4R7J	J	AA	4.7 ohms,1/16W
R756	VRS-CY1JB331J	J	AA	330 ohms,1/16W
R757~759	VRS-CY1JB331J	J	AA	330 ohms,1/16W
R760	VRS-CY1JB471J	J	AA	470 ohms,1/16W
R761~765	VRS-CY1JB101J	J	AA	100 ohm,1/16W
R766	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R767	VRS-CY1JB101J	J	AA	100 ohm,1/16W
R768~775	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R782	VRS-CY1JB471J	J	AA	470 ohms,1/16W
R783~790	VRS-CY1JB331J	J	AA	330 ohms,1/16W
R793	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R794	VRS-CY1JB101J	J	AA	100 ohm,1/16W
R799	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R801,802	VRS-CY1JB273J	J	AA	27 kohms,1/16W
R803,804	VRS-CY1JB221J	J	AA	220 ohms,1/16W
R805,806	VRS-CY1JB273J	J	AA	27 kohms,1/16W
R807,808	VRS-CY1JB221J	J	AA	220 ohms,1/16W
R809,810	VRS-CY1JB273J	J	AA	27 kohms,1/16W
R811,812	VRS-CY1JB221J	J	AA	220 ohms,1/16W
R814	VRS-CY1JB221J	J	AA	220 ohms,1/16W
R815	VRS-CY1JB471J	J	AA	470 ohms,1/16W
R816	VRS-TV2AB104J	J	AA	100 kohm,1/10W
R820	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R822	VRS-CY1JB561J	J	AA	560 ohms,1/16W
R823,824	VRS-CY1JB104J	J	AA	100 kohm,1/16W
R825	VRS-CY1JB561J	J	AA	560 ohms,1/16W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
R827,828	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R834,835	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R840	VRS-CY1JB101J	J	AA	100 ohm,1/16W
R841	VRS-CY1JB561J	J	AA	560 ohms,1/16W
R843	VRS-CY1JB104J	J	AA	100 kohm,1/16W
R844	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R846	VRS-CY1JB561J	J	AA	560 ohms,1/16W
R849	VRS-CY1JB104J	J	AA	100 kohm,1/16W
R850	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R851	VRS-CY1JB104J	J	AA	100 kohm,1/16W
R854	VRS-CY1JB104J	J	AA	100 kohm,1/16W
R856	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R859	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R861,862	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R863	VRS-CY1JB561J	J	AA	560 ohms,1/16W
R864,865	VRS-CY1JB392J	J	AA	3.9 kohms,1/16W
R867	VRS-CY1JB392J	J	AA	3.9 kohms,1/16W
R872~875	VRS-CY1JB221J	J	AA	220 ohms,1/16W
R877	VRS-CY1JB392J	J	AA	3.9 kohms,1/16W
R878~883	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R884	VRS-CY1JB392J	J	AA	3.9 kohms,1/16W
R887	VRS-CY1JB221J	J	AA	220 ohms,1/16W
R894	VRS-CY1JB392J	J	AA	3.9 kohms,1/16W
R895	VRS-CY1JB473J	J	AA	47 kohms,1/16W
R901~904	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R905	VRS-CY1JB220J	J	AA	22 ohms,1/16W
R906	VRS-CY1JB821J	J	AA	820 ohms,1/16W
R907,908	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R909	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R910	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R911	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R912~914	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R915~920	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R921,922	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R923~925	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R926	VRS-CY1JB221J	J	AA	220 ohms,1/16W
R927,928	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R929,930	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R931	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R932	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R934,935	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R936	VRS-CY1JB221J	J	AA	220 ohms,1/16W
R937	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R938	VRS-CY1JB221J	J	AA	220 ohms,1/16W
R940	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R942	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R943	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R944~946	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R947~949	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R950	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R951	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R952	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R954	VRS-CY1JB103J	J	AA	10 kohm,1/16W
R955	VRS-CY1JB105J	J	AA	1 Mohm,1/16W
R956~959	VRS-CY1JB473J	J	AA	47 kohms,1/16W
R960	VRS-CY1JB224J	J	AA	220 kohms,1/16W
R962~967	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R971,972	VRS-CY1JB104J	J	AA	100 kohm,1/16W
R973,974	VRS-CY1JB221J	J	AA	220 ohms,1/16W
R975,976	VRS-CY1JB183J	J	AA	18 kohms,1/16W
R977	VRS-CY1JB123J	J	AA	12 kohms,1/16W
R978,979	VRS-CY1JB333J	J	AA	33 kohms,1/16W
R982	VRS-CY1JB123J	J	AA	12 kohms,1/16W
R983,984	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R985,986	RBLN-0001BGZZ	J		Coil
R987	VRS-CY1JB221J	J	AA	220 ohms,1/16W
R989,990	VRS-CY1JB102J	J	AA	1 kohm,1/16W
R991	VRS-CY1JB822J	J	AA	8.2 kohms,1/16W
R992	VRS-CY1JB182J	J	AA	1.8 kohms,1/16W
R993,994	VRS-CY1JB103J	J	AA	10 kohm,1/16W

OTHER CIRCUITRY PARTS

BI10/CNS10	CCNWG0005BG01	J	AN	Connector Ass'y,4/4Pin
BI102/CNS102	QCNWN0070BGZZ	J	AK	Connector Ass'y,12/12Pin
BI103/CNS103	QCNWN0069BGZZ	J	AF	Connector Ass'y,6/6Pin
BI104/CNS104	QCNWN0078BGZZ	J	AE	Connector Ass'y,3/3Pin
BI204/CNS204	QCNWN0081BGZZ	J	AG	Connector Ass'y,8/8Pin
CNP101	QCNCM046CAWZZ	J	AD	Plug,3Pin
CNP107	QCNCM698JAFZZ	J	AC	Plug,9Pin
CNP122	QCNCWZX19BGZZ	J	AE	Socket,19Pin

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
CNP203	QCNCM698HAFZZ	J	AC	Plug,8Pin
CNP205	QCNCM705BAFZZ	J	AA	Plug,2Pin
CNP301	QCNCM603CAFZZ	J	AB	Plug,3Pin
CNP302	QCNCM698CAFZZ	J	AB	Plug,3Pin
CNP430	QCNCWZY11BGZZ	J	AD	Socket,11Pin
CNP431	QCNCM035FAWZZ	J	AC	Plug,6Pin
CNP510	QCNCM036BAWZZ	J	AC	Plug,2Pin
CNP550	QCNCWZX17BGZZ	J	AE	Socket,17Pin
CNP601	QCNCWZX14BGZZ	J	AD	Socket,14Pin
CNP640	QCNCWZX29BGZZ	J	AF	Socket,29Pin
CNP670	QCNCWZX10BGZZ	J	AD	Socket,10Pin
CNP701	QCNCWZX29BGZZ	J	AF	Socket,29Pin
CNP702	QCNCM604DAFZZ	J	AB	Plug,4Pin
CNP704	QCNCWZX11BGZZ	J	AD	Socket,11Pin
CNP708	QCNCWZX14BGZZ	J	AD	Socket,14Pin
CNP710	QCNCWZX17BGZZ	J	AE	Socket,17Pin
CNP711	QCNCWZX19BGZZ	J	AE	Socket,19Pin
CNP712	QCNCWZX08BGZZ	J	AD	Socket,8Pin
CNP713	QCNCM698MAFZZ	J	AF	Plug,12Pin
CNS205	QCNWN0071BGZZ	J		Connector Ass'y,2Pin
CON201	QCNCM454BAFZZ	J	AE	Plug,2Pin
CON210	QCNCL057MAWZZ	J	AG	Plug,11Pin
CON211	QCNCL778MAFZZ	J	AF	Socket,11Pin
CON301	QCNCWZY08BGZZ	J	AD	Socket,8Pin
CON703	QCNCWZX10BGZZ	J	AD	Socket,10Pin
CON707	QSOCJ0103BGZZ	J	AD	Jack,DVD DIGITAL IN DIG2
⚠ F101,102	QFS-D802BSJNI	J	AC	Fuse,8A/125V
⚠ F111,112	QFS-D132BSJNI	J	AD	Fuse,1.25A/125V
⚠ F121	QFS-D801BSJNI	J	AG	Fuse,800mA,125V
⚠ F511	QFS-D402BSJNI	J	AB	Fuse,4A/125V
FE301	RTUNS0001SJZZ	J	AQ	FM Front End
FL690	VVKHNA9SS32-1	J	AX	FL Display
FW6	QCNWN0072BGZZ	J		Flat Cable,25Pin
FW7	QCNWN0079BGZZ	J		Flat Cable,10Pin
FW8	QCNWN0074BGZZ	J		Flat Cable,14Pin
FW9	QCNWN0080BGZZ	J		Flat Cable,8Pin
FW10	QCNWN0075BGZZ	J		Flat Cable,17Pin
FW11	QCNWN0073BGZZ	J		Flat Cable,11Pin
FW12	QCNWN0076BGZZ	J		Flat Cable,19Pin
J201	QTANZ0001BGZZ	J	AK	Terminal,Speaker
J401	QSOCJ0301BGZZ	J	AF	Jack,Video In/Out
J420	QSOCZ0001BGZZ	J	AF	Jack,TV Monitor Out
J430	QSOCZ0001BGZZ	J	AF	Jack,DVD In
J550	QSOCJ0801BGZZ	J	AH	Jack,Audio In/Out
M200	RMOTV0027AWZZ	J	AM	Motor,Air Cooling Fan
RY210	RRLYD0014AWZZ	J	AK	Relay
RY230	RRLYD0014AWZZ	J	AK	Relay
RY250	RRLYD0014AWZZ	J	AK	Relay
RY511	RRLYD0011AWZZ	J	AE	Relay
SW678	QSW-K0008AWZZ	J	AC	Switch,Key Type [Power]

REMOTE SENSOR PARTS

	CCABA1012BGM1	J		Remote Sensor Unit [HT-CN300 (S)]
	CCABA1012BGM2	J		Remote Sensor Unit [HT-CN300 (BK)]

CABINET PARTS

201	GCAB-1002BGSA	J	AV	Top Cover A [HT-CN300 (S)]
201	GCAB-1002BGSB	J	AV	Top Cover A [HT-CN300 (BK)]
202	HDECQ0038BGSA	J	AM	Panel,Display [HT-CN300 (S)]
202	HDECQ0038BGSB	J	AM	Panel,Display [HT-CN300 (BK)]
203	JKNBZ0014BGSA	J	AF	Button,Power [HT-CN300 (S)]
203	JKNBZ0014BGSB	J	AF	Button,Power [HT-CN300 (BK)]
204	HBDGA1004BGSA	J	AD	Badge,SHARP
205	GDAI-1001BGSA	J	AQ	Stand,Subwoofer [HT-CN300 (S)]
205	GDAI-1001BGSB	J	AQ	Stand,Subwoofer [HT-CN300 (BK)]
206	LHLDW1002BGSA	J	AE	Holder,FL Display
207	GCOVA1013BGSA	J	AC	Cover,LED
208	GCAB-1006BGSA	J	AL	Top Cover B [HT-CN300 (S)]
208	GCAB-1006BGSB	J	AL	Top Cover B [HT-CN300 (BK)]
209	GCOVA1014BGSA	J	AG	Cover,Back,Left [HT-CN300 (S)]
209	GCOVA1014BGSB	J	AG	Cover,Back,Left [HT-CN300 (BK)]
210	GCOVA1015BGSA	J	AG	Cover,Back,Right [HT-CN300 (S)]

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
210	GCOVA1015BGSB	J	AF	Cover,Back,Right [HT-CN300 (BK)]
211	NFANP0001AWZZ	J	AD	Rotary Fan
212	92LCSPR1431C	J	AA	Spring,Ring
213	GBOXS6001BGSA	J	BD	Subwoofer Box [HT-CN300 (S)]
213	GBOXS6001BGSB	J	BD	Subwoofer Box [HT-CN300 (BK)]
214	92L430-SX-2136	J		Cushion
215	LCHSM0003BGFW	J	AS	Chassis,Main
216	LANGK0006BGFW	J	AF	Bracket,Fan Stand
217	PRDAR0010BGFW	J	AX	Heat Sink,Sub
218	PRDAR0011BGFW	J	AR	Heat Sink,Main
219	GITAR0021BGSA	J	AM	Rear Panel [HT-CN300 (S)] [Except for Canada]
219	GITAR0022BGSA	J	AM	Rear Panel [HT-CN300 (BK)] [Except for Canada]
219	GITAR0023BGSA	J		Rear Panel [HT-CN300 (S)] [For Canada]
219	GITAR0025BGSA	J		Rear Panel [HT-CN300 (BK)] [For Canada]
220	LANGK0007BGFW	J	AN	Bracket,PWB
221	LANGF0002BGFW	J	AG	Bracket,Chassis
222	TLABZ0045BGSA	J	AE	Label,Speaker A
223	TLABZ0046BGSA	J	AE	Label,Speaker B
224	PCUSG0001BGZZ	J	AB	Cushion,Leg
225	LBSHC0005AWZZ	J	AD	Bushing,AC Power Supply Cord
226	PSHEG0001BGZZ	J	AF	Sheet,Thermal
227	PSPAN0001BGZZ	J	AB	Spacer,Thermal
229	PSLDM3004BGFW	J	AF	Shield,Plate
⚠ 230	QFSHD1017CEZZ	J		Fuse Holder
⚠ 231	QFSHD1018CEZZ	J		Fuse Holder
232	LHLDW1033CE00	J	AA	Nylon Band
⚠ 233	QACCD0030AWZZ	J		AC Power Supply Cord
234(SP1)	RSPA10001BG6W	J		Speaker
601	LX-EZ0001BGFF	J	AC	Screw,Hexagon [HT-CN300 (BK)]
601	LX-EZ0001BGFN	J	AC	Screw,Hexagon [HT-CN300 (S)]
602	LX-HZ0169AFFD	J	AA	Screw,ø4×10mm
603	LX-LZ0008AWZZ	J	AC	Push Rivet
604	XBBSD20P04000	J	AA	Screw,ø2×4mm
605	XBBSD30P08000	J	AA	Screw,ø3×8mm
606	XJBSD30P06000	J	AA	Screw,ø3×6mm
607	LX-JZ0010AFFD	J		Screw,ø3×10mm
608	XJBSD40P20000	J	AA	Screw,ø4×20mm
609	XJBSF30P08000	J	AA	Screw,ø3×8mm
610	XJBSF40P20000	J	AB	Screw,ø4×20mm
611	XTBSD40P12000	J	AA	Screw,ø4×12mm
612	XTBSD40P16000	J	AA	Screw,ø4×16mm
613	XJBSD30P08000	J	AA	Screw,ø3×8mm
614	XJBSD40P25000	J		Screw,ø4×25mm

SPEAKER (Subwoofer)

SP1(234)	RSPA10001BG6W			Speaker

PACKING PARTS (Except for U.S.A.)

	SPAKA0006BGZZ	J	AR	Packing Add.
	SPAKC0054BGZZ	J	AX	Packing Case [Except for Canada] [HT-CN300 (S)]
	SPAKC0055BGZZ	J	AX	Packing Case [Except for Canada] [HT-CN300 (BK)]
	SPAKC0061BGZZ	J		Packing Case [For Canada] [HT-CN300 (S)]
	SPAKC0062BGZZ	J		Packing Case [For Canada] [HT-CN300 (BK)]
	SSAKA0002BGZZ	J	AB	Polyethylene Bag,Accessories
	SSAKH0007BGZZ	J	AD	Polyethylene Bag,Sensor
	SSAKH0008BGZZ	J	AF	Polyethylene Bag,Unit

ACCESSORIES

	TCAUZ0006BGZZ	J	AD	Sheet,Caution
	TINSE0012BGZZ	J	AD	Quick Guide [For U.S.A. Only]
	TINSE0013BGZZ	J	AF	Operation Manual [Except for Canada]
	TINSE0019BGZZ	J		Operation Manual [For Canada]
	TLABR1259BGZZ	J	AD	Label,Bar Code [HT-CN300 (BK)]
	TLABR1260BGZZ	J	AD	Label,Bar Code [HT-CN300 (S)]

HT-CN300

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
	TLABZ0039BGZZ	J	AP	Label,Remote Sensor
	TLABZ0048BGSA	J	AC	Label,Energy
	RRMCG0007BGSA	J	BL	Remote Control [HT-CN300 (S)]
	RRMCG0007BGSB	J	BN	Remote Control [HT-CN300 (BK)]
	QCNWG0004BGZZ	J	AZ	Speaker Cord
	RADPA3001BGZZ	J	AS	AC Adaptor
	QANTL0007AWZZ	J	AK	FM/AM Loop Antenna
	QCNWG0005AWZZ	J	AL	Video Cord
	PCUSG0002BGZZ	J	AF	Cushion, Speaker
	TCAUZ0007BGZZ	J		Sheet,Energy Caution

P.W.B. ASSEMBLY (Not Replacement Item)

PWB-A1,2	ISP0001DSP1//Y		—	DSP/Sensor (Combined Ass'y)
PWB-B1~7	ADJ0009TUN1//Y	J	—	Display/Tuner/AMP. /Audio/ Terminal/Speaker/Video (Combined Ass'y)

CP-CN300F

	B3CPCN300F	J		Speaker Unit

CP-CN300C

	B3CPCN300C	J		Speaker Unit

CP-CN300R

	B3CPCN300R	J		Speaker Unit

ACCESSORIES

	TLABZ0040BGSA	J		Label,Color [CP-CN300F] [Right]
	TLABZ0041BGSA	J	AC	Label,Color [CP-CN300F] [Left]
	TLABZ0042BGSA	J		Label,Color [CP-CN300R] [Right]
	TLABZ0043BGSA	J		Label,Color [CP-CN300R] [Left]
	TLABZ0044BGSA	J		Label,Color [CP-CN300C]
	TLABG0003BGZZ	J	AD	Label,Specifications [CP-CN300F (S)] [Right]
	TLABG0004BGZZ	J	AD	Label,Specifications [CP-CN300F (S)] [Left]
	TLABG0005BGZZ	J	AD	Label,Specifications [CP-CN300R (S)] [Right]
	TLABG0006BGZZ	J	AD	Label,Specifications [CP-CN300R (S)] [Left]
	TLABG0007BGZZ	J	AD	Label,Specifications [CP-CN300C (S)]
	TLABG0008BGZZ	J	AD	Label,Specifications [CP-CN300F (BK)] [Right]
	TLABG0009BGZZ	J	AD	Label,Specifications [CP-CN300F (BK)] [Left]
	TLABG0010BGZZ	J	AD	Label,Specifications [CP-CN300R (BK)] [Right]
	TLABG0011BGZZ	J	AD	Label,Specifications [CP-CN300R (BK)] [Left]
	TLABG0012BGZZ	J	AD	Label,Specifications [CP-CN300C (BK)]
	TLABZ0049BGSA	J	AD	Label,Color Indi. [CP-CN300F] [Right]
	TLABZ0050BGSA	J	AD	Label,Color Indi. [CP-CN300F] [Left]
	TLABZ0051BGSA	J	AD	Label,Color Indi. [CP-CN300R] [Right]
	TLABZ0052BGSA	J	AD	Label,Color Indi. [CP-CN300R] [Left]
	TLABZ0053BGSA	J	AD	Label,Color Indi. [CP-CN300C]

PACKING PARTS

	SPAKA0007BGZZ	J	AM	Packing Add.
	SSAKH0006BGZZ	J	AD	Polyethylene Bag,Speaker

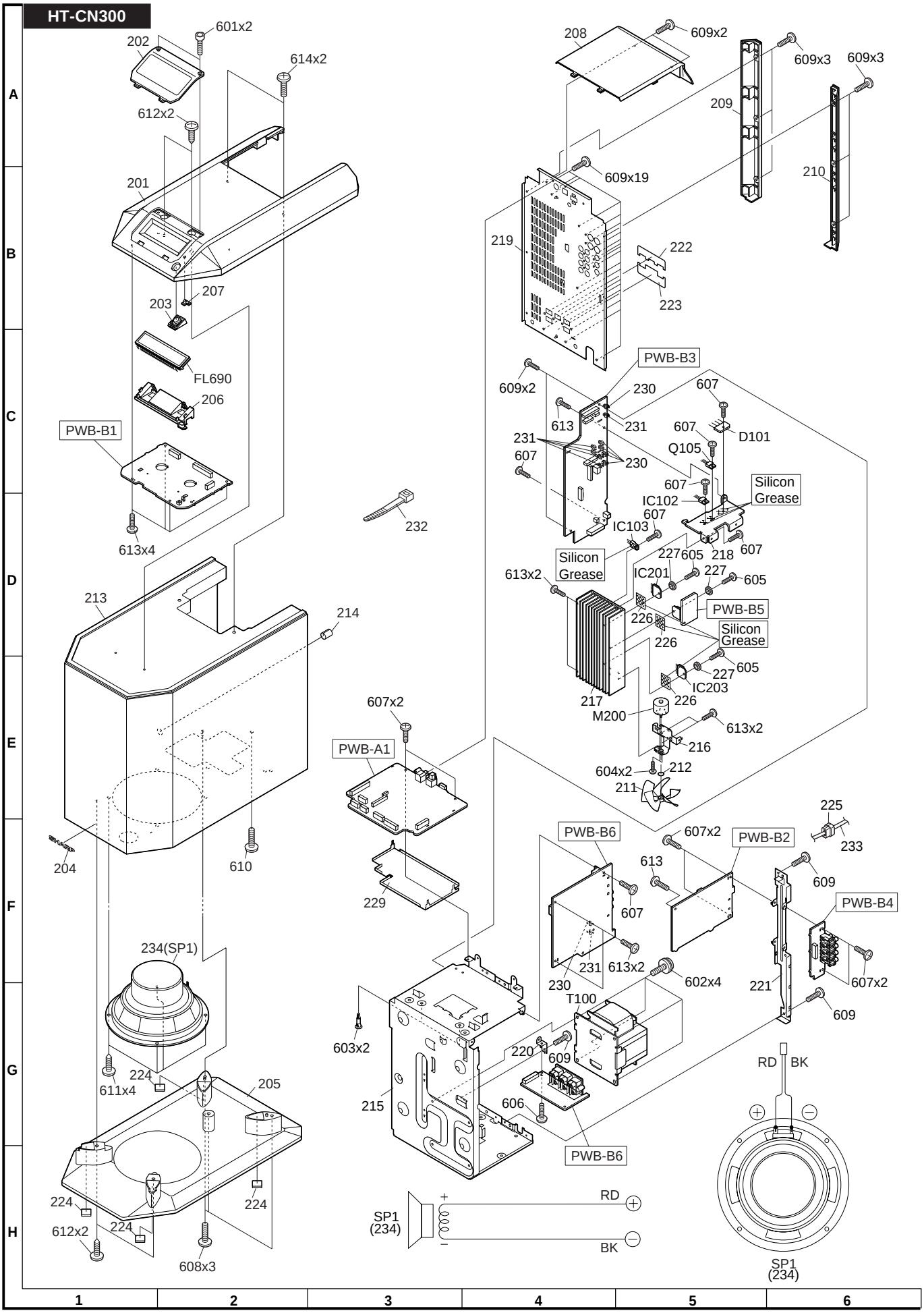
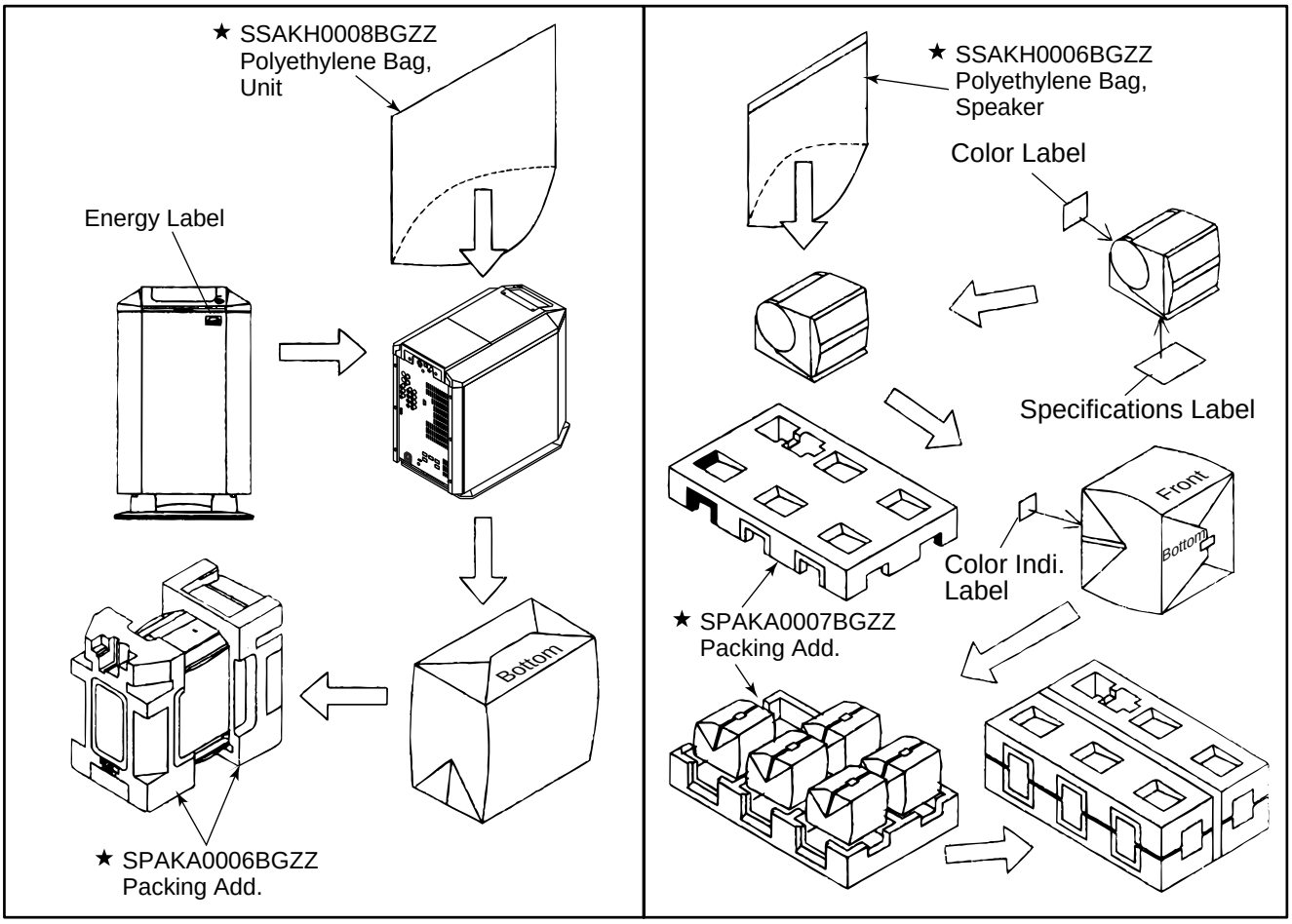
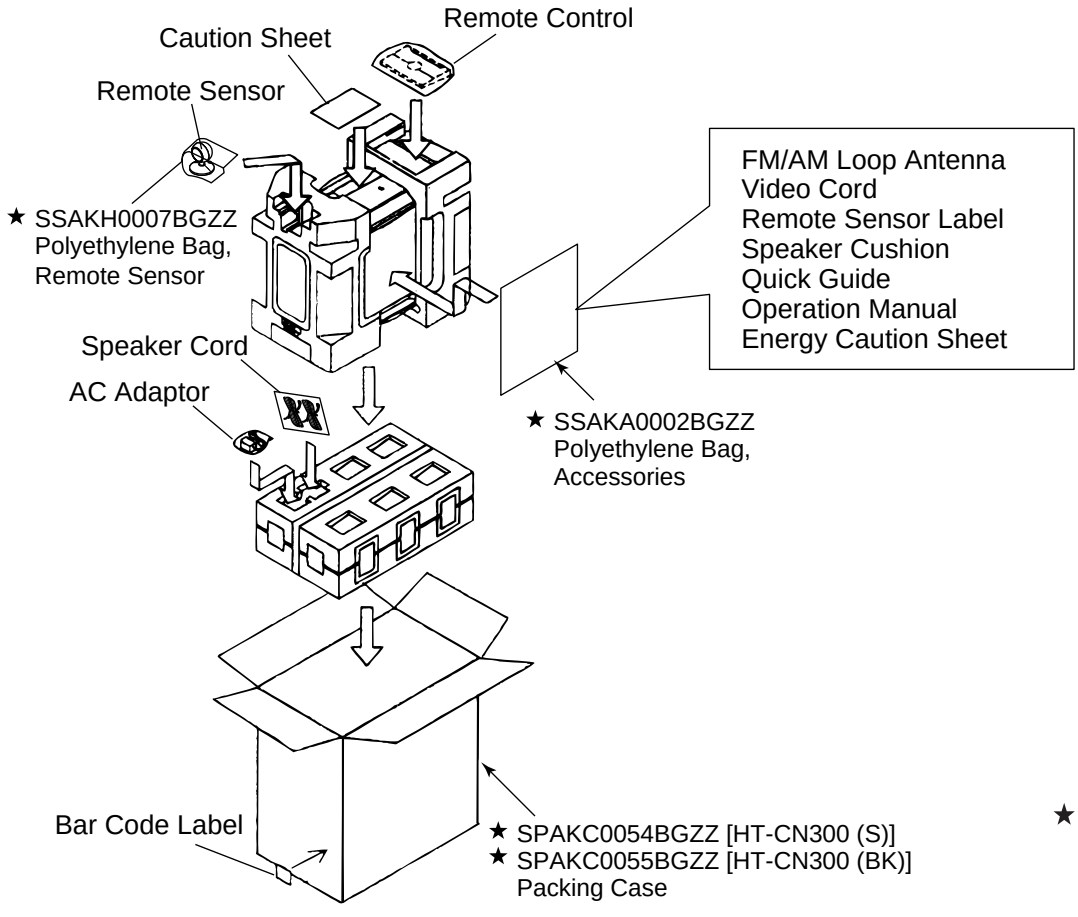


Figure 8 CABINET EXPLODED VIEW

PACKING OF THE SET (FOR U.S.A. ONLY)





★ : Not Replacement Item

— MEMO —

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